

# Design

# **New Design**

#### **Liquid Glass**

Combining the optical qualities of glass with a sense of fluidity, Liquid Glass forms the foundation of the new design. It reflects and refracts what's underneath it in real time, while dynamically transforming to help bring greater focus to your content. It makes what you do on iPhone, iPad, Mac, and Apple Watch even more delightful, from the Lock Screen and Control Center, to app icons, controls, and navigation.

#### **Dynamic tools & navigation**

Liquid Glass toolbars and navigation across apps like Mail, Notes, Messages and more bring more focus to your content, and fluidly morph as you need access to more tools or move through different views of your app.

#### In-place alerts

Alerts now expand from the button that initiates them making a deletion, confirmation, phone call or action quicker and easier to reach than ever.

# Easier access to search

Search is within easy reach at the bottom of iPhone in apps like Messages, Mail, Notes, Apple Music and more.

#### Home Screen

#### Redesigned app icons

Crafted out of multiple layers of Liquid Glass, app icons get a fresh new look in light, dark and tinted looks.

#### Clear icons & widgets

Customize your app icons with a new, all-clear glass look. Choose to have the glass take on a light or dark appearance, or switch between the two automatically based on whether Dark Mode is turned on or off.

#### **Updated controls**

Buttons, sliders, switches and other controls you use everyday come alive with Liquid Glass as you interact with them bringing joy and delight to even the simplest of interactions.

#### Dynamic tab bars

Liquid Glass tab bars across apps like Apple Music, Podcasts, News and more bring more focus to your content, shrink to create more space as you scroll, and fluidly expand the moment you need them when you scroll up or tap on the tab bar button.

#### **Expanded context menus**

When editing or formatting text the edit menu can be expanded into a vertical context menu to make finding the commands you need even easier.

#### **Liquid Glass magnifier loupe**

Move your text cursor with precision using a new, more fluid Liquid Glass magnifier loupe.

#### **Light-tinted icons & widgets**

Personalize your app icons and widgets with a lighter, colored tint. Choose a light tint to apply colors to icon and widget backgrounds, or a dark tint to apply colors to the glyphs and content against darker backgrounds. Or choose to switch between light and dark colored tints automatically based on whether Dark Mode is turned on or off.

#### Matched tinting<sup>1</sup>

Automatically match the tint color for apps and widgets to your iPhone or attached Apple case with MagSafe.

#### Lock Screen

# **Adaptive Time**

The time dynamically adapts to your photo wallpaper and notifications, keeping your subject in view.

#### Spatial scenes<sup>2</sup>

When you move your iPhone, your photo comes to life with a new 3D effect. With advanced computer vision techniques running on the Neural Engine, a spatial scene is generated from your 2D photos. Even photos taken years ago, or shot on another camera altogether, can become spatial scenes.

#### **Animated album art**

When you tap album art from a music app like Apple Music, you'll see immersive, animated album artwork that interacts beautifully with the glass of the playback controls.

#### Camera

#### Refreshed mode wheel

The mode wheel elevates the two capture modes you use most—Photo and Video. Simply swipe left or right to access additional modes.

#### New Camera Control options<sup>3</sup>

Customize which controls are available and in which order in the Camera app.

# Record studio-quality audio with AirPods

Record high-definition audio recordings using AirPods and AirPods Pro with an H2 chip as a microphone.

#### Lens cleaning hint<sup>3</sup>

Camera will detect if the lens is smudged and display a message recommending cleaning it for the clearest possible photo.

#### Improved panorama photos

Capture panoramic photos faster, with less motion blur, when you pan iPhone across a scene.

#### Use AirPods as a Camera remote

Snap a photo or start recording video in Camera just by pressing the stem on AirPods and AirPods Pro with an H2 chip.

#### **Photos**

#### Updated tab design

Photos features separate tabs for the Library and Collections views, along with quick access to Search, so you can easily navigate to what you're looking for.

#### Enjoy your photos as spatial scenes

View photos as an engaging spatial scene, which comes to life with breathtaking depth as you move iPhone in your hand.

# Relevant video thumbnails in search results

Search results for a video display a matching frame, so you can quickly find the video you're looking for.

#### **Customize the Collections view**

In addition to customizing the order of Collections and the items that appear in Pinned Collections, you can now adjust the size—choose from larger tiles, a denser layout, or an option that emphasizes the top row.

#### View event details right in Photos

View details of events, like concerts, sports, and more, right in the Info panel in Photos, then listen to top songs from the artist or their tour, see the final score, or browse upcoming events.

#### **New Photos Widget options**

View spatial scenes, or show photos in full color on the Home Screen.

#### Safari

#### New tab design

The new rounded tab design floats gracefully at the bottom of the screen while keeping quick access to search and refresh right at your fingertips. Safari offers three options of the new design for users: Compact, Bottom, and Top.

#### Add to Home Screen update

Add to Home Screen now gives users the option to open any page as a web app. As a web app, the page can open in full screen and users can see it in the App Switcher.

#### **Expanded privacy protections**

Advanced Fingerprinting Protection, which was previously limited to Private Browsing, now protects all browsing in Safari. It obscures browser and device data that can be used to create a digital fingerprint of users.

#### **Safari Web Extension Packager**

Web extension developers can now package their web extension without using a Mac or Xcode. This can be done by uploading a ZIP file with the extension to App Store Connect to have it converted and packaged up for release. TestFlight links can then be shared with others to test.

#### FaceTime

# **Reimagined landing page**

Celebrate the people who matter most to you with an all-new reimagined FaceTime landing page. The sleek, tiled design features beautiful and personalized Contact Posters of your recent callers. Video messages play as you scroll too, letting you preview special moments you may have missed.

#### **Unknown Callers list**

Stay in control of who can reach you by opting in to the Unknown Callers filter. Screened calls from unknown numbers are placed in a new area of your call list and out of your way. Once you mark an unknown number as known, they can call or text you across Phone, FaceTime, and Messages.

#### More button

Tap the new More button to quickly access delightful experiences and useful features on your FaceTime calls, like SharePlay, screen sharing, and Live Translation.

#### CarPlay

#### New design5

Liquid glass elements bring a consistent, expressive experience to the car.
And choose between light, dark, and clear icons.

#### Messages

Tapbacks and pinned conversations help you stay connected while on the road.

#### **Live Activities**

Stay up to date on realtime updates from your favorite apps.

#### **Compact call UI**

You can keep seeing what's on the screen, like an upcoming turn, while a call is incoming.

#### Widgets

Get quick, glanceable information from your favorite apps.

#### **Smart Display Zoom**

Optimize the zoom level in certain vehicles for your vehicle's display.

#### TV app

#### New design<sup>6</sup>

Enjoy a redesigned Apple TV app featuring Liquid Glass and new cinematic poster art that lets you see more titles at a glance.

# **Key Features**

# Visual Intelligence<sup>7</sup>

#### Access systemwide

Access visual intelligence in any app by pressing the same buttons you use to take a screenshot on your iPhone.

# **Search Google and third-party** apps visually

Search for the content on your iPhone screen using Google and your mostused third-party apps, like when you want to find out more about a cool outfit you come across.

#### **Ask ChatGPT**

Ask ChatGPT about what's currently on your iPhone screen, for example, when you have a question about an object in an image.

#### **Identify objects**

Quickly identify objects on your iPhone screen like plants, animals, and more.

# Add events to your calendar 🐶



Add an event from a flyer on your iPhone screen to your calendar with a single tap, like an invite for a neighborhood event. Details like event title, time, and location filled in seamlessly.

#### Highlight to search

Highlight an item on your iPhone screen by scrubbing over it with your finger to search for it specifically.

# Interact with text 🤝



Summarize, translate, or read text out loud.

# Live Translation

# Automatically translate Messages<sup>8</sup> •

Automatically translate incoming texts, including group messages. Type your response in your preferred language, and it will be delivered to your friend in both the original and translated language.

# Audio translation in Phone<sup>9</sup>



Translate a phone call you make or receive, using the More menu during a call. You can automatically hear the call recipient's words translated and spoken out loud in real time. You can also follow along with a transcription on your screen when you take a call on speaker.

# Translated captions in FaceTime<sup>9</sup>



Follow along with translated captions that appear fluidly on your screen, while you can continue to hear your friend or family member's voice.

# **Hear translations for nearby** conversations using AirPods<sup>10</sup>



When someone nearby speaks to you in a different language, you can use your AirPods to hear what they're saying translated into your preferred language in real time.

## Shortcuts

### Intelligent actions<sup>11</sup>



Intelligent actions in Shortcuts can summarize text, create images, or tap directly into Apple Intelligence models to provide responses that feed into your shortcut.

#### Intelligent actions:

# Image Playground<sup>12</sup> 💭



Create a collage of images from a list of bullet points all at once to quickly storyboard an idea.

### Intelligent actions: Writing Tools<sup>11</sup>



Summarize the key points from an entire folder of documents or your to-do list for the day in Reminders every morning.

# Intelligent actions: Use Model<sup>11</sup> 💭



An incredibly powerful new action taps directly into Apple Intelligence models and provides responses that feed into the rest of your shortcut. Create powerful shortcuts that compare an audio transcription to typed notes, organize documents by their contents, extract information from a PDF and add key details to a spreadsheet, and more. 5

# Genmoji<sup>12</sup>

# Combine emoji to make new Genmoji 🖓



Add expressions 💭



Select the perfect expression for your Genmoji of people, so you can make characters look happy, shocked, and so much more.

Now, in addition to turning a text description into a Genmoji, you can mix together emoji to create something new. Like a sloth emoji and a lightbulb emoji for that moment when you're the last one in the group chat to get the joke. You can even combine emoji and Genmoji with text descriptions, so if you're inviting your friends over for karaoke night, you can mix a woman emoji with a microphone emoji and add a "sequined jacket."

# Modify personal attributes 💭



Change things like hairstyle and facial hair for the Genmoji that are inspired by people from your Photos library.

# Image Playground

# Add expressions<sup>12</sup>



Modify personal attributes<sup>12</sup> Change things like hairstyle and facial hair for the images you make based on people from your Photos library.

# much more. More styles with ChatGPT<sup>13</sup>

Select the perfect expression for your

characters look happy, shocked, and so

images of people, so you can make

You can now make images using ChatGPT. In addition to existing styles like Animation or Sketch, you now have new styles with ChatGPT, like Watercolor and Oil Painting. And for moments when you want even more control over your images, tap Any Style to describe the image and style you want. Image Playground sends your description or photos to ChatGPT and gets you a unique image without jumping between apps. You're always in control, and nothing is shared with ChatGPT without your permission.

# Genmoji in Image Playground<sup>12</sup>



Now you can create Genmoji right in Image Playground by selecting Genmoji as a style.

# Integration with



Messages Backgrounds<sup>12</sup> Create images for your Messages Backgrounds using Image Playground.



Choose a new unified layout that brings together your Favorites, Recents, and Voicemails—so your most-used features are right at your fingertips without having to switch views.

#### Hold Assist15

Keep your spot in line while you wait for a live agent using Hold Assist. Don't worry, once a live agent becomes available, the Phone app rings you to return to the call and lets the agent know that you'll be there shortly.

# Call Screening<sup>14</sup>

Screen incoming calls from unknown numbers. Your phone will pick up the call for you and ask for a name and reason for the call before the phone even rings.

#### **Unknown Callers list**

Filter calls from unknown numbers in a new area of your call list. You can mark an unknown number to have future calls from that number appear in your call list and allow them to call or text you across Phone, FaceTime, and Messages.

Phone

#### SharePlay on a phone call

Watch, listen, and play together on phone calls using applications that support SharePlay. Initiate a screen sharing session on a phone call too, just like in FaceTime.

# Voicemail summaries<sup>16</sup>



Apple Intelligence powers new voicemail summaries that appear inline with your missed calls, so you can instantly see who reached out and what they said.

#### Live Reply<sup>14</sup>

Respond to a contact from the incoming call screen. Your response is spoken to the caller and they can provide additional information.

#### More button

Tap the new More button to quickly access delightful experiences and useful features on your calls, like Call Recording, Live Translation, and SharePlay.

#### **New Monogram styles**

Personalize your Avatar and Contact Poster with new Monogram styles that let you express yourself in more ways.

#### High Quality Cellular Calling<sup>17</sup>

Delivers a high-quality voice experience for users making cellular calls on the narrow band spectrum.

# Messages

#### Backgrounds<sup>12</sup>

Make your conversations feel more personal with Backgrounds for everyone in the conversation to enjoy. Select from dynamic built-in options like water or aurora, choose any of your own photos, or create one with Wilmage Playground.

# Polls<sup>11</sup>



Send polls to friends and family over iMessage to find out everyone's availability or preference for dinner. Apple Intelligence can even detect when a poll might come in handy and suggest one. Polls display votes as they come in live.

#### **Text selection**

Select portions of a text in a single bubble to copy and share elsewhere.

## Typing indicators in groups

Know exactly who is about to chime in with typing indicators in groups.

#### Apple Cash in groups<sup>18</sup>

Request, send, and receive Apple Cash in groups. Quickly settle up for dinner, concert tickets, and more, keeping your payments and your conversation all in the group chat.

#### Screen unknown senders<sup>19</sup>

Opt in to stay in control of who can reach you. Screened messages from unknown numbers are placed in a new area of your conversation list and out of your way. Once you approve a screened number, they can call or text you across Phone, FaceTime, and Messages.

#### Redesigned conversation details

Easily navigate everything that's been shared in a conversation with distinct sections for contact info, photos, links, location, and more.

# Improved search<sup>11</sup>



Search with more natural language, like "photos of mom during our June trip to the beach." Search will also show results based on related terms to what you typed, like texts about the beach or ocean when you type "sand."

#### **Photo Previews**

Smaller size previews of the photo will be shared first when network connection is limited, automatically followed by the fullresolution image.

#### Add contact button in groups

Easily add new contacts in groups with the Add Contact button right in the conversation next to the unknown number.

#### **On-device spam protection**

On-device spam detection filters out spam from your conversations list. With a model that updates and incorporates user feedback, it offers the latest protection against unwanted messages.

#### **Text Filters<sup>20</sup>**

Opt In to further organizing messages from unknown senders by sorting them into Promotions (offers, marketing, subscriptions) and Transactions (receipts, bills, confirmations) so you can quickly find important information.

#### **Allow Notifications**

Select with type of messages—Time Sensitive, Personal, Transactions or Promotions—from unknown senders you want to be notified for. Messages in the selected categories will show notifications and appear in the main conversation list for 8 hours.

# Block a contact from Conversation Details

Block a contact right from Messages by going to the Conversation Details view.

#### **Draft Filter**

Find your unfinished messages all in one place. Drafts are organized by conversation and can be quickly reopened for easy editing and sending.

# Maps

#### **Preferred Routes**

iPhone helps improve your daily routine by using on-device intelligence to learn and understand the routes you take between places you frequently visit, like your commute from home to work. The Maps widget shows you a preview of your commute so you know what to expect before you leave. Commute notifications alert you to significant delays and offer you an available alternate route, even if you didn't start navigating.

#### **Natural Language Search**

Search the way you talk with support for questions like "find cafes with free Wi-Fi" to help you find great new places to visit for your next day out on the town.

#### **New incident report types**

Easily report and view road closures, traffic, and road work while navigating, helping you stay more informed about the road ahead.

#### Visited Places<sup>21</sup>

You can choose to allow your iPhone to intelligently detect the places you visit, like a restaurant or shop. You can then view or search for places you've visited in the Maps places library and share them with a tap. Visits are built with privacy in mind, cannot be accessed by Apple, and can be easily removed with just a swipe.

#### Improved sharing

A short new <a href="https://maps.apple">https://maps.apple</a> URL makes sharing places and Guides with family and friends easier than ever.

#### Music

# AutoMix

Like a DJ, AutoMix seamlessly transitions from one song into the next, using time stretching and beat matching to deliver an even more seamless listening experience.

#### **Music Pins**

Elevate your most-loved music to the top of your library for easy access.

#### Lyrics Translation and Pronunciation<sup>22</sup>

Understand the lyrics and sing along in different languages, right from the Now Playing view in Apple Music.

#### **Enhanced Replay Insights**

Check out your month-by-month and year-end stats easily in-app.

#### Wallet

#### Digital ID<sup>23</sup>

Wallet lets you create an ID with your passport, allowing users to present their identity seamlessly and securely at TSA checkpoints for domestic travel as well as in apps and in person where ID verification is required.

#### Pay with installments in-store<sup>24</sup>

Access installment financing options from your bank or card provider for your credit and debit card purchases when you pay with Apple Pay in-store on iPhone.

# Order tracking<sup>25</sup>

Using Apple Intelligence, Wallet will find emails sent by either merchants or delivery carriers and conveniently pull together your full order details, order progress notifications, and more, all in one place, right in Wallet.

#### **Updated boarding passes**

Travelers now have more access to timely and relevant information about their flights and airports, as well as quick access to airline app features, all within Wallet. They can also share Live Activities to stay connected throughout their journey.

#### Pay with rewards in-store<sup>24</sup>

Use rewards when you pay with Apple Pay in-store on iPhone.<sup>FN</sup> Your card rewards are automatically converted into dollars that you can put toward your purchase.

# Gaming

# **Game Overlay**

With a simple click, adjust settings, connect with friends, and check out the latest updates from the Games app, all without leaving your game. You're always just a tap away from what you need mid-game.

## Easier pairing<sup>26</sup>

You can now pair your DualSense controller with your iPhone automatically by connecting it over USB-C connection. And now, you can also pair multiple Apple devices to your DualSense or DualSense Edge controller and easily switch between them directly using the controller or Bluetooth settings.

# MetalFX Frame Interpolation and Denoising

Your games will look smoother with MetalFX Frame Interpolation, which game developers can use to deliver higher and more stable frame rates. And MetalFX Denoising enables incredible realism by improving the quality of ray-traced and path-traced effects.

# **Apple Games**

#### **Gaming Hub**

Explore what's new across all your games—including the latest in-game events, major updates, and games your friends are playing, so you never miss a moment.

#### Game Library

Access your entire game library, including new and past downloads from the App Store and Apple Arcade, and launch when you're ready to play.

#### Challenges

Play and compete with friends in challenges, track scores in real time, crown a winner, and have a rematch. See what they're playing, and jump into games together.

#### **Apple Arcade**

Access over 200 award-winning games with no ads or in-app purchases. Subscribers can stay up to date on the latest releases and events, track achievements, compare scores, and play with friends.

# **Personalized Recommendations**

Get recommendations of new games tailored just for you, based on the games you love to play.

# **Controller support**

Connect a controller to navigate, browse for games, and seamlessly move from one game to another.

#### **Even More**

# Accessibility

#### **Accessibility Nutrition Labels**

Learn about accessibility features for apps and games in the App Store with Accessibility Nutrition Labels. Features appear on the product page and include VoiceOver, Voice Control, Larger Text, Sufficient Contrast, Reduced Motion, captions, and more.

#### **Braille Access<sup>28</sup>**

A powerful new way for Braille users with connected displays to interact with their Apple devices. With Braille Access, users can quickly take notes, read documents, access Live Captions, launch apps, and perform various other tasks effortlessly.

# Faster and easier Personal Voice creation<sup>30</sup>

For users at risk of losing their ability to speak, Personal Voice uses on-device intelligence to create a smoother, more natural-sounding voice in less than a minute, using only 10 recorded phrases.

#### **Customize Vehicle Motion Cues**

Animated dots, which can help reduce motion sickness, now have visual customization, including size, color, density, and pattern.

#### **Name Recognition**

Sound Recognition can now be trained to recognize names to notify users who are deaf or hard of hearing if their name is being called.

#### **Mobility improvements for typing**

Typing using Eye Tracking and Switch Control will be easier and more accurate using QuickPath, a separate dwell timer for keyboard keys, and fewer steps when typing with switches.

#### Accessibility Reader<sup>27</sup>

A new, systemwide reading mode is designed to make text easier to read for users who are blind, have low vision, or have other disabilities affecting reading. Use the Accessibility Shortcut or Control Center to launch Accessibility Reader from any app to view text in a custom format or have it read aloud.

#### **Live Captions for Live Listen<sup>29</sup>**

Follow along in real time with Live Captions when a Live Listen session is active on iPhone. Live Captions can be viewed on a nearby iPhone or iPad, or a paired Apple Watch which can also be used as a remote control.

#### **Share Accessibility Settings**

A brand-new way for users to quickly and temporarily share their accessibility settings with another iPhone or iPad. Share Accessibility Settings is a great option if you need to use a shared iPad such as a public kiosk at a cafe. It also makes it easy to look at something on a friend's device.

#### **More Background Sounds options**

Personalize your listening experience to minimize distractions, increase sense of focus, and help you cope with symptoms related to tinnitus. Background Sounds is easier to use with new equalizer settings, the option to stop automatically after a period of time, and new actions for automations in Shortcuts.

### **Head Tracking**

Users with limited mobility can navigate iPhone using head movements more easily and perform actions like tapping or taking a screenshot using different facial expressions.

#### TV app optimized for Assistive Access

A new streamlined media player for watching movies and shows in Assistive Access.

# Audio / Video Recording

#### **Input Picker**

Easily specify which microphone to use from Control Center—even different choices for different apps.

### Local capture

From Control Center, record high quality audio and video from your own device while on a video call to produce content easily.

#### **Voice Isolation**

Activate in Control Center to keep voices clear and crisp in any app.

# AirPlay

# **AirPlay Enhancements**

Now when you use AirPlay to play audio to HomePod, everyone in the home can use their iPhone to see what's playing, control the music, or modify which HomePod speakers are playing.

#### Calculator

#### **Graph in three dimensions**

By writing an equation starting with z=, you can now graph in three-dimensions in Math Notes.

#### **Arabic Calculator**

New design that incorporates Arabic mathematical symbols in the scientific calculator, adapted for both Eastern Arabic and Western Arabic numerals.

### Change range of a graph

Dynamically adjust the range of each axis of your graph.

#### Cellular

#### Stay connected while traveling

Managing eSIMs while traveling is easy with streamlined setup—your iPhone automatically picks your default voice and data line while abroad, turns off your travel eSIM when you get home, and more. Also, you'll be able to use iMessage and FaceTime on your home number regardless of whether you keep it on or off while away, without additional cost.

# Clock

#### **Custom Snooze**

Change the amount of time you can snooze an alarm, from 1 minute to 15 minutes.

# Larger snooze button

Easily tap the larger snooze button when your alarm goes off.

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#### Dictation

#### Spell with your voice

Proactively dictate the spelling of words or names in U.S. English that are unique or commonly spelled multiple ways so Dictation spells them just the way you want.

#### **Files**

#### **Updated List view**

Browse your files as a list with collapsible folders.

# **Customizable folder icons**

Add custom icons and emoji to your folders, and choose a specific color for them to make them easier to identify from a glance as they sync across iOS, iPadOS, and macOS.

#### **Open With**

Choose which app you want to use to open a file with by tapping and holding on it, and tapping Open With. Or, if you want to set the default app for a file or file type, open the Get Info panel to choose a new default.

#### **Focus**

#### **SIM Based Focus Mode**

New Focus filter option based on SIM line for dual sim users, allowing users to independently limit a SIM during any focus mode.

#### Freeform

#### **Updates to Image Playground**

Create better images from your drawings, use new styles from ChatGPT, and more.

#### **Recently Added**

Add scenes to jump to regions of the board, send a copy of your board to others, and more.

#### Home

#### Adaptive Temperature<sup>31</sup>

Set your thermostat to automatically adjust when you're on your way home, when you go to sleep, or when you're away for an extended period of time. Your iPhone uses on-device intelligence to predict when you're on your way home to bring it to the correct temperature by the time you get there, and adjusts the thermostat to save energy when you are far away from home. It also responds to the sleep schedule created on iPhone to adjust the temperature for when you go to sleep and wake up.

# Journal

#### Multiple Journals

Keep your entries organized by creating multiple journals for different aspects of your life, and add a custom name and icon for each.

#### More Flexible Layout

Customize the layout of your journal entries by adding photos, videos, drawings, and other attachments seamlessly within the text you write.

#### Map View

A beautiful map view shows entries based on their location so you can see entries written at a specific place or find entries you made nearby.

#### Insights

The updated insights view shows a highlighted photo for each month on the calendar.

#### Keyboard

# **Arabic Multiscript Keyboard**

Type in a mix of Arabic and English in a single sentence. The keyboard automatically detects the language you're typing in and selects the most likely word from Arabic or English.

## **Thai Keyboard**

New keyboard layout for typing Thai that has large, easy-to-tap keys and intelligently suggests words as you type.

#### Redesigned Māori keyboard layout

Dedicated key to easily type the <sup>-</sup> (macron) accent which denotes long vowels.

#### **Arabic Transliteration keyboard**

Support for Arabic transliteration Keyboard that lets you type words phonetically in English and converts them to Arabic.

# Natural text selection for Right-to-left languages

Text selection in mixed right-to-left and left-to-right scripts now appears continuous across scripts.

#### **New Zealand keyboard layout**

New layout includes access long vowels  $(\bar{a}\ \bar{e}\ \bar{i}\ \bar{o}\ \bar{u})$  to make it convenient to type in both English and Māori.

#### Notes

#### An adaptive toolbar

Your toolbar icons adjust based on what you are doing in your note, surfacing different options depending on what you are editing.

#### **Markdown Export and Import**

Save and download your notes as Markdown files, or import Markdown formatted files.

#### **Podcasts**

#### **Enhance Dialogue**

Using real-time audio processing and machine learning, you can turn on Enhance Dialogue to hear speech more clearly over background sounds and save this setting per show.

#### **More Custom Speed Settings**

Find the perfect listening speed, with options from 0.5x to 3x, and save your preferred setting for each show.

### **Passwords**

#### **Password history**

View a timeline of changes you've made to an account in Passwords, including a history of past passwords and generated strong passwords.

# Verification Code AutoFill from Notifications

You can now autofill verification codes from notifications you receive from apps on your device.

#### Preview

#### **Browse PDFs and images**

Dedicated app to view and edit al your PDFs and images right from Preview.

#### PDF AutoFill

Use PDF AutoFill to quickly fill out PDF forms with your contact information and details.

# PDF editing

Mark up your PDFs, resize them, or even rotate them.

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# Scan documents

Use your camera to quickly scan a document as a PDF. You can scan multiple pages at once and instantly mark it up, sign it, and share it.

#### **Export**

Export PDFs and images as different file types or in different sizes.

# Create from clipboard

Copy an image or objects in apps like Keynote, and instantly create a new image with them in Preview.

#### Create a new image

Create an empty page, and draw or write on it.

#### Image editing

Crop, flip, rotate, and resize images, or select a specific part of your image to copy.

# **Protecting Kids Online**

#### **Communication Requests**

Parents can now approve requests from their kids to communicate with new phone numbers—all from a single tap in messages.

#### Safety settings for teens

Teenagers between 13 and 17 years old will have safety settings like Communication Safety, app age ratings, and web content filters turned on by default to help provide them with an age-appropriate experience.

#### Age-appropriate experiences in apps

Parents can enable their kids to share their age range with third-party apps, allowing them to view content and access ageappropriate features when using the app.

#### **Moving kids to Child Accounts**

Parents can easily correct the age on their child's Apple Account if it's currently misconfigured, which will convert the account into a proper Child Account, allowing them to take advantage of all parental controls and restrictions.

#### **Communication Safety**

Shared Albums in Photos and live FaceTime calls will now detect and blur out nudity and provide ways to get help, to further protect children's communications.

#### **App Store**

App age ratings expand to include two new ratings and the updated product pages will provide additional details on the content and features that exist within an app. Parents can also grant an exception to allow their child to download an app that exceeds their age rating.

# Reed Pen

#### Reed pen

Available in the tool palette, this new pen uses stroke angle presets to enable a calligraphy experience in apps like Notes, Freeform, Journal, when using Markup, and in third-party apps using the PencilKit API.

# Reminders

#### Suggested Reminders<sup>11</sup> ?

With Apple Intelligence, Reminders can now review an email, website, note, or other text on your device to find the most relevant tasks or grocery items from what you're looking at. Easily pull ingredients out of a recipe in Safari or News+, or get key action items from meeting notes. Just share text or a page to the Reminders app to quickly get suggestions from context.

#### **Quick Reminders**

Quickly create reminders on your Home Screen by pressing your iPhone Action button or tapping in Control Center. It's a perfect tool to make a reminder on the go without interrupting your workflow.

### Auto-categorize<sup>11</sup> ?

Automatically categorize your reminders into tidy sections within a list. With Apple Intelligence, reminders will group themselves into related topics like "work" or "errands" to make them more manageable.

#### **Time Zone Support**

Individual reminders can have a time zone selected for them. You can also select a time zone display setting for the app.

# Safety Check

#### **Safety Check while Blocking**

Stop sharing across the system with Safety Check right away when you block a contact.

# Step-by-Step Help

#### Guided support<sup>32</sup>

Get personalized help right from your iPhone on common questions and troubleshooting topics, like how to change your password or install the latest software update. This experience is available in the Tips app, through the Phone app when calling Apple Support, and through Siri when you ask product support questions.

# **Apple Sports**

#### Widget

Personalize your home screen and stay up to date with the latest action from your favorite leagues and teams.

#### Siri

# Siri product knowledge: Device and context awareness<sup>11</sup>

When offering you product knowledge, Siri now takes your on-screen and on-device context into account, including information about your settings, model, and software.

# Copy and paste responses from ChatGPT with rich formatting

Maintain rich formatting, like bold, links, headings, inline images, bullet points, and tables, when you copy and paste responses from ChatGPT into new places.

#### AirPlay Enhancements with Siri

When you're using AirPlay to play Music on HomePod, you can now ask Siri to play to other HomePod speakers in your home.

# Create files from ChatGPT33 💭



You can now ask ChatGPT to generate a document based on the response to a prompt like "Make a spreadsheet". Then use the ShareSheet to save to Files or open in your preferred app.

# Follow up on ChatGPT responses with actions<sup>33</sup>

Siri can help you take action on responses from ChatGPT, so if you ask something like "What are some great songs for Karaoke?" you can follow up by saying "Play the third one".

# Settings

# **Centralized Blocked List in Settings**

Manage your blocked contacts for all of your communication apps in Settings.

#### Adaptive Power<sup>34</sup>

Conserve your phone's battery life on high usage days with Adaptive Power. Using machine learning, your device will automatically look for ways to save power on your device, so you can continue to use your device until you can make it to a charger.

# **Estimated Time to Charge**

Now see how long it will take your phone to reach your desired charge after selecting charge limits.

#### **New Battery UI**

Learn even more about how your daily usage patterns and most frequently used apps consume battery with all new Battery UI designed to put all the information you need at your fingertips.

#### Stolen Device Protection eSIM Transfer protected

eSIM Quick Transfer now requires Face ID or Touch ID with no passcode fallback when Stolen Device Protection is active.

### Weather<sup>35</sup>

# **Severe Weather Alerts for Significant Locations**

The Weather app will send you severe weather notifications for destinations that are significant to you based on what your iPhone knows about your preferred routes.

# Weather widget for **Significant Locations**

View the Weather widget on a Smart Stack for an destinations that are significant to you based on what your iPhone knows about your preferred routes.

# Writing Tools

# Improved formatting support in

Writing Tools<sup>33</sup>

Compose with ChatGPT can preserve and output rich text and formatting like bold, links, headings, inline images, bullet points, and tables.

- <sup>1</sup>Available with select colors of iPhone, and with select colors of Apple cases with MagSafe including Silicone, FineWoven, and Leather.
- <sup>2</sup> Available on iPhone 12 and later.
- <sup>3</sup> Available on iPhone 15 and later.
- <sup>4</sup> Available on iPhone 16 and later.
- <sup>5</sup> CarPlay support is either standard or available as an option on many new 2016 cars and later, with some manufacturers offering software updates for earlier models. Some models may support CarPlay only in certain configurations, and not all models are available in all areas. CarPlay support is subject to change. See your dealer for details.
- <sup>6</sup> Available on Apple TV 4K (2nd generation and later).
- 7 Visual intelligence is available on any Apple Intelligence-enabled iPhone. Some capabilities may not be available in all languages and regions. For more details, see https://support.apple.com/en-us/121115#visual-intelligence
- <sup>8</sup> Live Translation in Messages is available in English (US, UK), French (France), German, Italian, Japanese, Korean, Portuguese (Brazil), Spanish (Spain), and Chinese (Simplified) on Apple Intelligence-enabled iPhone, iPad, or Mac. For more details on Apple Intelligence feature and language availability and system requirements, see http://support.apple.com/en-us/121115
- <sup>9</sup>Live Translation in Phone and FaceTime is available for one-on-one calls in English (US, UK), French (France), German, Portuguese (Brazil), and Spanish (Spain) on Apple Intelligence-enabled iPhone, iPad, or Mac. For more details on Apple Intelligence feature and language availability and system requirements, see http://support.apple.com/en-us/121115
- <sup>10</sup> Live Translation with AirPods works on AirPods 4 with Active Noise Cancellation or AirPods Pro 2 and later with the latest firmware when paired with an Apple Intelligence-enabled iPhone, and supports English (US, UK), French (France), German, Portuguese (Brazil), and Spanish (Spain). Some features may not be available in all regions or languages. For more details on Apple Intelligence feature and language availability and system requirements, see <a href="http://support.apple.com/en-us/121115">http://support.apple.com/en-us/121115</a>
- <sup>11</sup> Apple Intelligence is available in beta. Some features may not be available in all regions or languages. For feature and language availability and system requirements, see support.apple.com/en-us/121115
- 12 Genmoji, Image Playground, and Image Wand are available in English, French, German, Italian, Japanese, Portuguese (Brazil), and Spanish on Apple Intelligence-enabled iPhone, iPad, or Mac. For more details on Apple Intelligence feature and language availability and system requirements, see support.apple.com/en-us/121115
- <sup>13</sup> Genmoji, Image Playground, and Image Wand are available in English, French, German, Italian, Japanese, Portuguese (Brazil), and Spanish on Apple Intelligence-enabled iPhone, iPad, or Mac. Integration with ChatGPT is available only in regions where ChatGPT app and service is available. Refer to OpenAl for ChatGPT availability. For more details on Apple Intelligence feature and language availability and system requirements, see support.apple.com/en-us/121115
- <sup>14</sup> Available in Cantonese (China mainland, Hong Kong, Macao), English, French (Canada, France), German (Germany), Japanese, Korean, Mandarin Chinese (China mainland, Macao, Taiwan), Portuguese (Brazil), and Spanish (Mexico, Puerto Rico, Spain, U.S.).
- <sup>15</sup> Available in English (Australia, Canada, India, Singapore, UK, U.S.), French (France), German (Germany), Japanese, Mandarin Chinese (China mainland), Portuguese (Brazil), and Spanish (Mexico, Spain, U.S.).
- <sup>16</sup> Voicemail summaries are available in English (Australia, Canada, India, Ireland, New Zealand, Singapore, South Africa, UK, U.S.), French (Canada, France), German (Germany), Japanese (Japan), Korean (South Korea), Portuguese (Brazil), and Spanish (Mexico, Spain, U.S.) when Apple Intelligence is enabled on a compatible iPhone, iPad, or Mac. For more details on Apple Intelligence feature and language availability and system requirements, see support.apple.com/en-us/121115
- <sup>17</sup> Available on iPhone 16e and later.
- <sup>18</sup> Apple Cash services are provided by Green Dot Bank, Member FDIC. Apple Payments Services LLC, a subsidiary of Apple Inc., is a service provider of Green Dot Bank for Apple Cash accounts. Neither Apple Inc. nor Apple Payments Services LLC is a bank. Learn more about the Terms and Conditions. Only available in the U.S. on eligible devices. To send and receive money with an Apple Cash account, you must be 18 and a U.S. resident. If you're under 18, your family organizer can set up Apple Cash for you as part of their Apple Cash Family account, but you may not be able to access features that require a supported payment card. Security checks may require more time to make funds available. Apple Cash Family accounts can only send or receive up to \$2000 within a rolling seven-day period. Tap to Cash transactions can only be used to send \*\* or receive up to \$2000 within a rolling seven-day period. Other limits apply, see Terms and Conditions for details. To access and use all Apple Cash features, you must have an eligible device with Wallet that has the latest version of iOS.
- <sup>19</sup> Screen unknown senders is on by default in China, India and Brazil.
- <sup>20</sup> Available in Brazil, India and the U.S.
- <sup>21</sup> Available in beta in Australia, Canada, Malaysia, Switzerland, UK, and U.S.
- <sup>22</sup> Translation available for select songs in the following languages: English to Chinese (Simplified), English to Japanese, Korean to Chinese (Simplified), Korean to English, Korean to Japanese, and Spanish to English. Pronunciation available for select songs in the following scripts: Japanese to Romanized, Korean to Romanized, Korean to Katakana, Cantonese to Jyutping, Chinese (Simplified) to Pinyin, Chinese (Traditional) to Pinyin, Hindi to Romanized, and Punjabi to Romanized.

- <sup>23</sup> Digital ID will be available in a software update with U.S. passports only.
- <sup>24</sup> Available on cards from participating banks and card providers in certain markets. Subject to eligibility and approval. Apple Pay is a service provided by Apple Payments Services LLC, a subsidiary of Apple Inc. Neither Apple Inc. nor Apple Payments Services LLC is a bank. Any card used in Apple Pay is offered by the card issuer.
- <sup>25</sup> Order Tracking is available in beta on Apple Intelligence-enabled iPhone in English (US, UK). For Apple Intelligence feature and language availability and system requirements, see support.apple.com/en-us/121115
- <sup>26</sup> This feature will require an upcoming firmware release for DualSense controller.
- <sup>27</sup> Available in Arabic, Basque, Bengali (India), Bhojpuri (India), Bulgarian, Cantonese (Hong Kong), Catalan, Croatian, Czech, Danish, Dutch (Belgium, Netherlands), English (Australia, India, Ireland, Scotland, South Africa, UK, U.S.), Farsi, Finnish, French (Belgium, Canada, France), Galician, German, Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian, Japanese, Kannada, Kazak, Korean, Lithuanian, Malay, Mandarin Chinese (China mainland, Taiwan), Marathi, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovakian, Slovenian, Spanish (Argentina, Chile, Colombia, Mexico, Spain), Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Valencian, and Vietnamese.
- <sup>28</sup> Braille Access requires a connected braille display. The Live Captions feature is available in Cantonese (China mainland, Hong Kong), English (Australia, India, Singapore, UK, U.S.), French (Canada, France), German (Germany), Japanese, Korean, Mandarin Chinese (China mainland), and Spanish (Mexico, Spain, U.S.).
- <sup>29</sup> Live Listen turns iPhone into a remote microphone to stream content directly to AirPods, Made for iPhone hearing aids, or Beats headphones. Live Captions can be viewed on paired Apple Watch, or on nearby iPhone or iPad signed into the same iCloud account
- <sup>30</sup> Personal Voice can only be used to create a voice that sounds like the user on device, using their own voice, and for their own personal, noncommercial use. Available in English (US), Mandarin Chinese (China mainland), and Spanish (Mexico) on devices that support Apple Intelligence.
- <sup>31</sup> Requires a home hub, such as Apple TV or HomePod and a compatible Matter thermostat. Users must be using the latest version of Apple Home and have location services enabled for Home app and Home Accessories.
- 32 Some capabilities may not be available in all regions or languages.
- 33 Integration with ChatGPT is available on Apple Intelligence-enabled iPhone, iPad, or Mac, only in regions where ChatGPT app and service is available. Refer to OpenAl for ChatGPT availability. For Apple Intelligence feature and language availability and system requirements, see support.apple.com/en-us/121115
- 34 Available on iPhone 15 Pro and later.
- $^{\rm 35}\,\mbox{Available}$  in regions outside the EU and China.