



iPhone/iPad for Low Vision **Magnifier**

Did you know you can use your iPhone or iPad as a magnifier?

Your device's back-facing camera works like a magnifying glass, allowing you to view and enlarge objects or documents on your screen. You can use the **Magnifier** for everything from checking the temperature on your thermostat to reading price tags and restaurant menus. **Try it out!**

Tip: The following instructions are for the iPad. However, they are very similar whether you're using an iPad, iPhone, or even an iPod Touch.

Tip: If the Magnifier app is not on your home screen, you can find it in the Utilities section of your App Library. To see your App Library, swipe left past all your Home Screen pages. You can open the Magnifier from there, or touch and hold the Magnifier app until you see the option to add it to your Home Screen.

Using the Magnifier

1. First, place a text document—like the Hadley Headlines newsletter, a newspaper, or a magazine—on your table.
2. Hold your device above the document. Then tap the **Magnifier** app on your device **Home** screen.
3. When the **Magnifier** opens, your back-facing camera is on, and you are seeing an enlarged view of your document.
4. Just below the magnified view area is a **slider bar**. Touch and drag the slider to the right to increase the magnification and to the left to decrease the magnification.
5. If it's hard to see the slider, you can slide one finger up or down the screen to adjust the magnification instead.

Tip: If you want to see more of the screen while using your magnifier, you can close the Magnifier options panel below the slider bar. Above the center of the slider bar is a downward-pointing arrow. Just touch and drag it toward the bottom of your display. To open the options panel, touch and drag the upward-pointing arrow toward the top of your display.

Exploring Magnifier Options

Switch Camera

This feature lets you switch between your back- and front-facing camera.

6. If you closed your **Magnifier** options panel, open it up again.
7. The first button on the left is the **Switch Camera** button. Tap this button to use your **Magnifier** as a mirror.
8. Tap the **Switch Camera** button again to return to the back-facing camera.

Brightness

This feature lets you adjust the brightness of your magnified object.

9. The second button in from the left is the **Brightness** button. Tap this button to bring up a **Brightness** slider bar.
10. Touch and drag the slider to the right and left to brighten and darken your document.

11. When you find the right brightness level, tap the **Brightness** button again to close the setting.

Contrast

This feature lets you adjust the contrast of your magnified object.

12. The third button in from the left is the **Contrast** button and works just like the **Brightness** button. Tap the button, then touch and drag the slider until the contrast is right for you.
13. Tap the **Contrast** button again to close its settings.

Filter

This feature lets choose different color filters to better see your magnified object.

14. Tap the **Filter** button to the right of the **Contrast** button.
15. Explore the different color filters by dragging them to the left.

16. If you find one that works for you, tap the **Filter** button again to keep the filter and close its settings.
17. If you don't want any filters, slide the filters back toward the right until you return to **No Filter**.

Flashlight

This feature uses the LED lights for your camera's flash to help you read in dimly lit settings.

18. Tap the **Flashlight** button all the way on the right. The LED lights for your camera's flash turn on.
19. Tap the **Flashlight** button again to turn it off.

Freeze Frame

This feature captures, or freezes, an image of the document or object you're viewing.

20. Tap the large **Freeze Frame** button at the bottom center of the **Magnifier** options.
21. Now you can use your pinch gesture to zoom in and out on the image.

22. This gesture makes the tools disappear. Tap the screen once to bring the tools back.
23. Once your image is captured and set to the right zoom level, tap the **Share** button in the top right corner of your display.
24. You can then share the image in a text message or email or save it to your photo library.
25. Tap the **Freeze Frame** button again to unfreeze and clear your image.

Settings

Customize your **Magnifier** by adding or removing buttons or features.

26. Tap the **Settings** button at the bottom left of the **Magnifier** features.
27. You can add and remove **Primary** and **Secondary Controls**.
28. **People Detection** is a useful control found under **Other Controls**. It lets you know if there are people around you and how far away they are.

Tip: The People Detection feature is only available on iPhone 12 and later and iPad Pro 11-inch (2nd generation and later) and iPad Pro 12.9-inch (4th generation and later).

29. Tap **Done** in the top right to close **Settings**.

Multi-Photo

This feature allows you to freeze or capture more than one image at a time.

30. Tap the **Multi-Photo** button at the bottom right of the **Magnifier** features.

31. This works like the **Freeze Frame** feature except you can take multiple photos instead of just one.

32. Tap **End** in the top left corner of your screen.

Now you know how to use your iPhone or iPad Magnifier features. Check out the other workshops in this series to learn more about customizing your iPhone or iPad for low vision.