

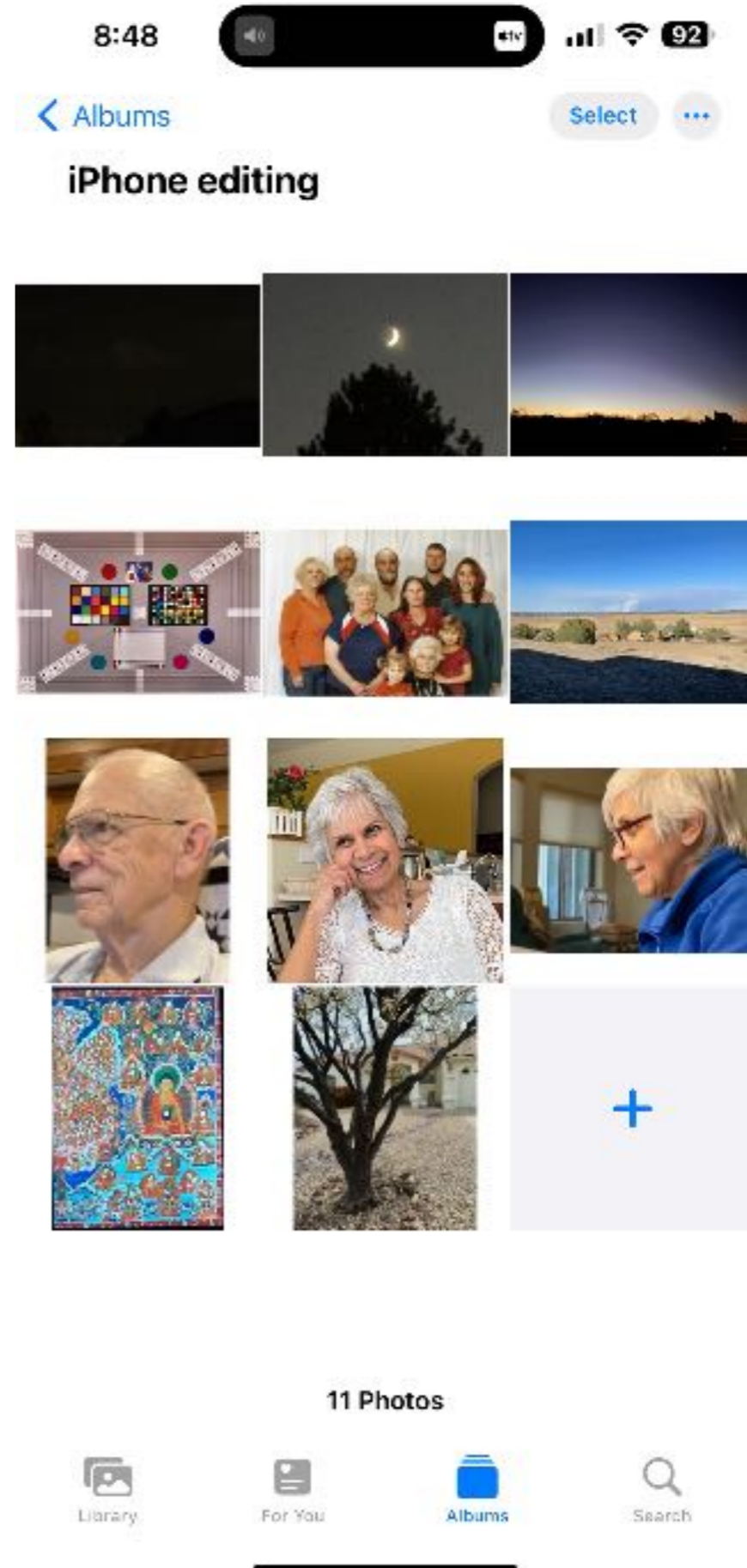


iPhone Photo Editing

John Carter, April 2024

Introduction

iOS Editing apps

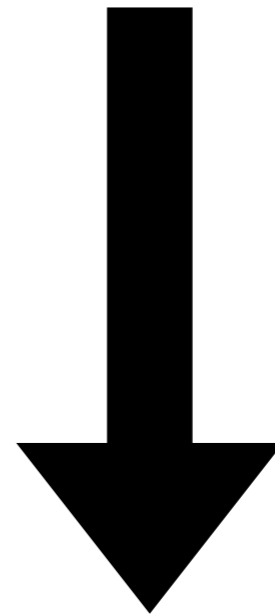


iOS Editing apps

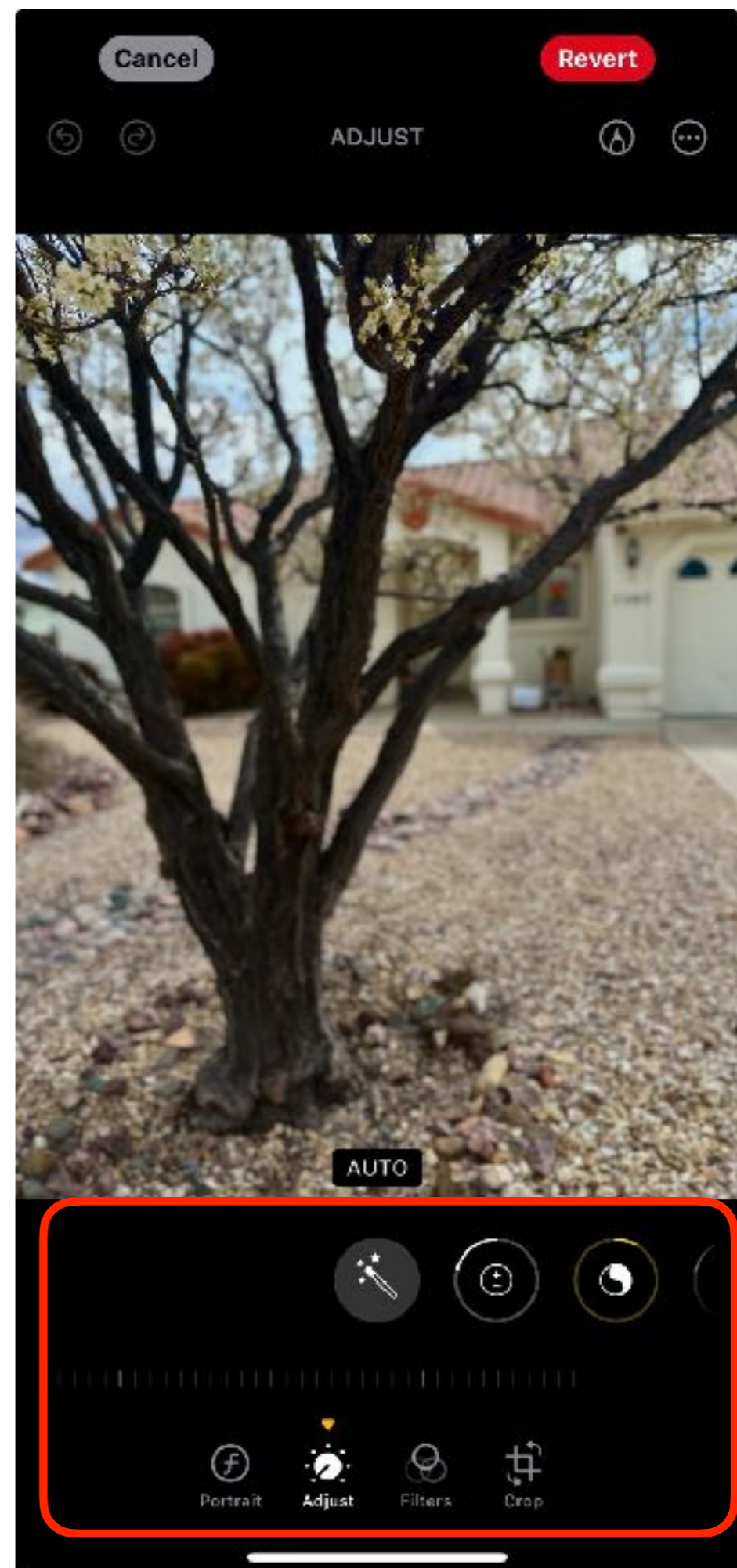
- Photos
- Snapseed
- Pixelmator
- Photoshop Express
- Lightroom Photo & Video Editor
- Picsart AI Photo Editor
- Carbon
- TouchRetouch
- Superimpose
- Canva

- AI Boost
- Photoleap
- Airbrush

<NEXT>



Basic Editing Tools



Basic Editing Tools

- Auto

If you like what it does, then go no further.

Basic Editing Tools

- Auto
- Light

Here are all the adjustments for correcting light:

- Exposure
- Brilliance
- Highlights
- Shadows
- Contrast
- Brightness
- Black Point

Basic Editing Tools

- Auto
- Light
- Color

Here are all the adjustments for correcting color:

- Saturation
- Vibrance
- Warmth
- Tint

Basic Editing Tools

- Auto
- Light
- Color
- Detail

Here are all the adjustments for correcting detail:

- Sharpness
- Definition
- Noise Reduction
- Vignette

Basic Editing Tools

- Auto
- Light
- Color
- Detail
- Redeye

Can be automatic, or selectable

Basic Editing Tools

- Auto
- Light
- Color
- Detail
- Redeye
- Crop

Here are all the adjustments for crop:

- Horizontal flip
- Vertical flip
- Rotate in 90° increments
- Rotate with grid
- Aspect ratio
 - Original
 - Freeform
 - Square
 - Wallpaper
 - 9:16, 4:5, 5:7, 3:4, 3:5, 2:3
 - Portrait
 - Landscape
- Vertical perspective
- Horizontal perspective

Basic Editing Tools

- Auto
- Light
- Color
- Detail
- Redeye
- Crop
- Filters

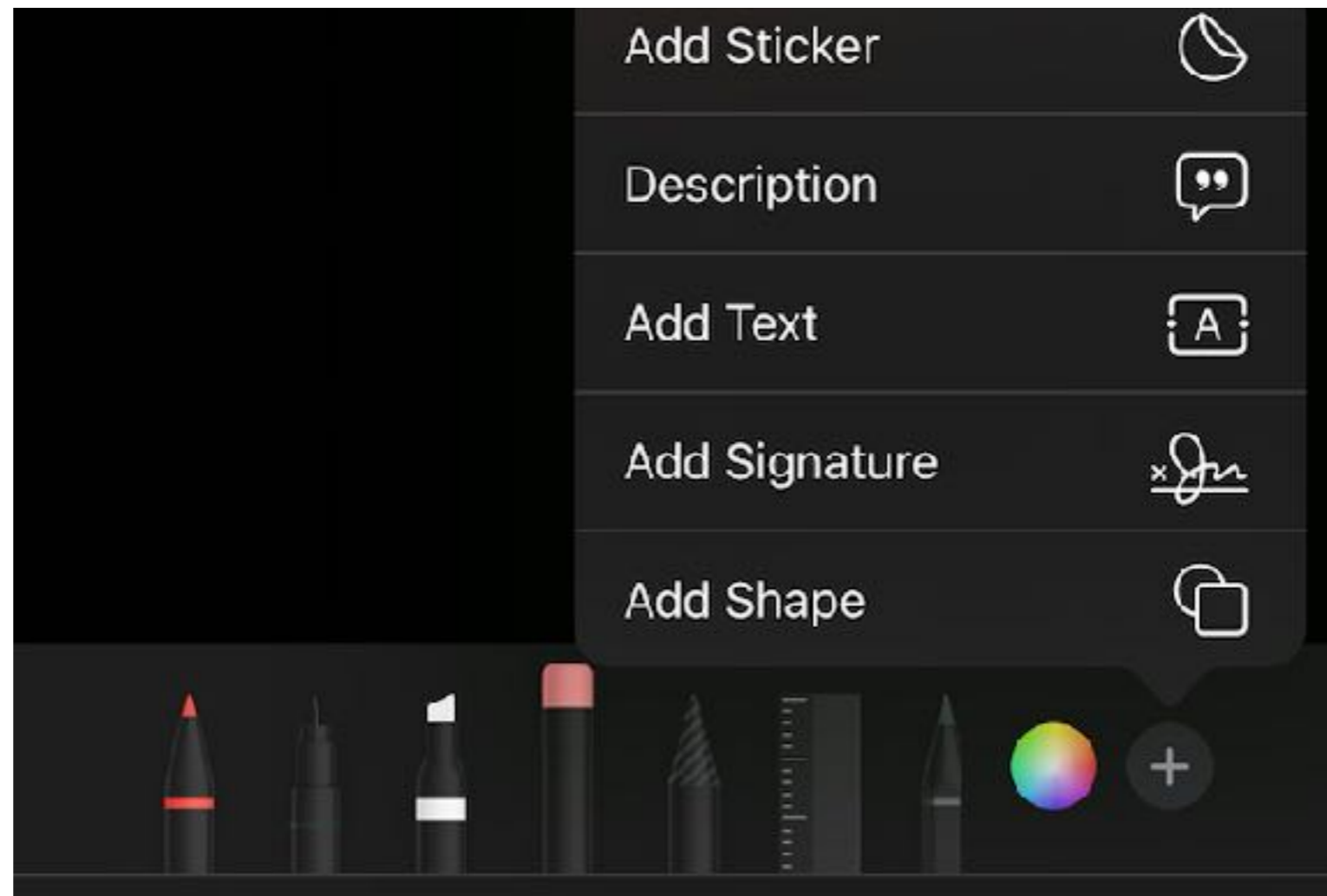
Here are all the adjustments for filters:

- Original
- Vivid
- Vivid warm
- Vivid cool
- Dramatic
- Dramatic warm
- Dramatic cool
- Mono (black & white)
- Silvertone (black & white)
- Noir (black & white sharp)

Basic Editing Tools

- Auto
- Light
- Color
- Detail
- Redeye
- Crop
- Filters
- Markup

Here are all the adjustments for Markup:



Basic Editing Tools

- Auto
- Light
- Color
- Detail
- Redeye
- Crop
- Filters
- Markup
- Live Photo

Here are all the adjustments for Live Photo:

(Only appears when a pic is taken with Live Video option selected)

- Live
- Loop
- Bounce
- Long exposure
- Live off

Basic Editing Tools

- Auto
- Light
- Color
- Detail
- Redeye
- Crop
- Filters
- Markup
- Live Photo
- Portrait

Here are all the adjustments for Portrait:

(Available with iPhone SE 2nd Generation or later)

- Depth of Field
- Lighting

Basic Editing Tools

- Auto
- Light
- Color
- Detail
- Redeye
- Crop
- Filters
- Markup
- Live Photo
- Portrait
- External apps

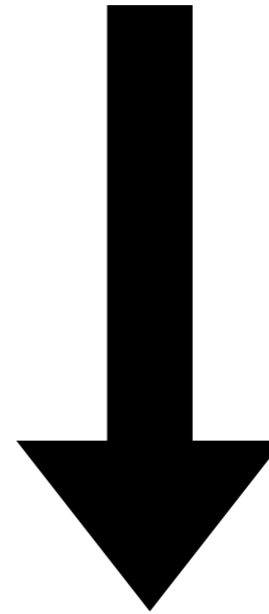
Only those apps that support photo extensions will appear. Examples are:

- Investigators
- Camera+
- Afterlight Photo Editor
- TouchRetouch
- Pixelmator
- ProCam 8 and Pro Camera
- Polarr
- Clarity Wallpaper

Basic Editing Tools

<NEXT>

- Auto
- Light
- Color
- Detail
- Redeye
- Crop
- Filters
- Markup
- Live Photo
- Portrait
- External apps



Editing Sequence (Suggested)

1. Start here
2. ...
3. ...
4. ...
5. ...
6. ...
7. End here

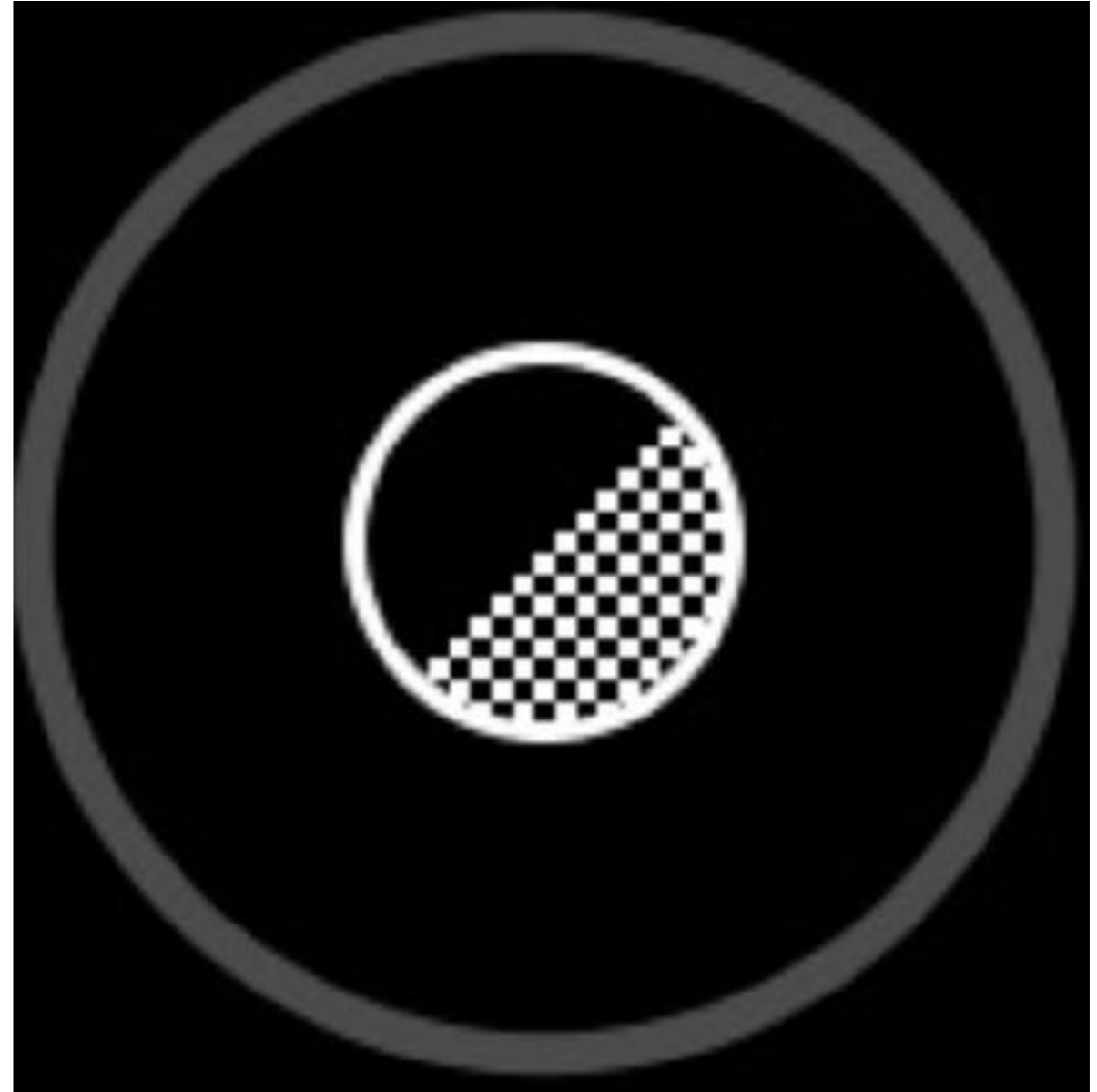
Editing Sequence

- Auto



Editing Sequence

- Auto
- Noise reduction



Editing Sequence

- Auto
- Noise reduction
- Vibrance



Editing Sequence

- Auto
- Noise reduction
- Vibrance
- Definition



Editing Sequence

- Auto
- Noise reduction
- Vibrance
- Definition
- Brilliance



Editing Sequence

- Auto
- Noise reduction
- Vibrance
- Definition
- Brilliance
- Exposure



Editing Sequence

- Auto
- Noise reduction
- Vibrance
- Definition
- Brilliance
- Exposure
- Contrast



Editing Sequence

- Auto
- Noise reduction
- Vibrance
- Definition
- Brilliance
- Exposure
- Contrast
- Highlights



Editing Sequence

- Auto
- Noise reduction
- Vibrance
- Definition
- Brilliance
- Exposure
- Contrast
- Highlights
- Shadows



Editing Sequence

- Auto
- Noise reduction
- Vibrance
- Definition
- Brilliance
- Exposure
- Contrast
- Highlights
- Shadows
- Sharpness



Demonstration

Dark Sky

Color Chart

Art

Landscape

People

Portrait

Live Photo

Focus



REFERENCES

- Take Control of iPhone Photography (1.0) - Jeff Carlson, copyright 2024
- <https://iphonographyschool.com/iphone-photography-tips/>
- <https://digital-photography-school.com/iphone-landscape-photography/>
- <https://blog.motifphotos.com/do-more-lenses-mean-better-a-guide-to-all-the-iphone-camera-lenses/>
- <https://support.apple.com/guide/iphone/edit-photos-and-videos-iphb08064d57/ios>
- <https://appletoolbox.com/editing-photos-iphone/>
- <https://photovideolounge.com/543/flash-on-iphone-camera/>
- <https://support.apple.com/guide/iphone/take-portraits-iphd7d3a91a2/ios>
- https://www.youtube.com/results?search_query=iphone+photo+editing

Editing on the iPhone

(John)

Introduction

iOS Editing apps

Photos

Snapseed

Pixelmator Photo

Photoshop Express Photo Editor (AI Retouch, video, pic collage)

Lightroom Photo & Video Editor (AI enhancer, retouch & Blur)

Picsart AI Photo Editor

VSCO: Photo & Video Editor

Carbon - B&W Filters & Effects

TouchRetouch

Mextures (Overlays textures & Filters)

Superimpose X (Layers)

Canva: Design, Art & AI Editor

AI Boost

Photoleap: AI Art Photo Editor

Airbrush: AI Photo Editor

Basic Editing Tools

The tools mentioned here are found on the iPhone Photos app. The macOS Photos app and external apps will have additional tools.

Auto

Light:

Exposure

Brilliance

Highlights

Shadows

Contrast

Brightness

Black Point

Color:

Saturation

Vibrance

Warmth

Tint

Detail:

Sharpness

Definition

Noise Reduction

- Vignette
- Redeye
- Crop
 - Horizontal flip
 - Vertical flip
 - Rotate in 90° increments
 - Rotate with grid
 - Aspect ratio
 - Original
 - Freeform
 - Square
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 - 9:16, 4:5, 5:7, 3:4, 3:5, 2:3
 - Portrait
 - Landscape
 - Vertical perspective
 - Horizontal perspective
- Filters
 - Original
 - Vivid
 - Vivid warm
 - Vivid cool
 - Dramatic
 - Dramatic warm
 - Dramatic cool
 - Mono (black & white)
 - Silvertone (black & white)
 - Noir (black & white sharp)
- Markup
 - Live Photo (only appears when a pic was taken with Live Video option selected)
 - Live
 - Loop
 - Bounce
 - Long exposure
 - Live off
 - Portrait (SE 2nd Gen or later)
 - Depth of Field
 - Lighting
- External apps

Editing Sequence (suggested)

Auto

If this adjustment creates a satisfactory image, no further adjustments are needed.

Noise reduction

It is useful to do a noise reduction up front so that whatever other adjustments you make will not enhance the noise. However, noise in iPhone images is typically non-existent, so this step may not be necessary.

What can appear to be noise might be either a bad focus or very low resolution or both. It might also be dust.

iPhone images typically have zero noticeable noise.

Best place to find noise is in a black part of the image. It shows up as either hot pixels (red, blue, green - always on, chrominance) or mottled appearance (luminous).

Causes of noise

- Sensor (hot vs cool)

- High ISO setting

- Long exposure (grain)

- Low lighting (requires an increase in ISO or exposure)

Zoom in on a dark area at the highest possible level to see any noise.

Mottled images is not really “noise” and is due to insufficient lighting.

“Real” noise is identified by individual bright pixels - white, red, green, or blue.

RAW images allow for separate chromatic and luminous noise reduction, but only on macOS.

Reducing noise simply blurs pixels.

Chromatic aberration is a kind of noise that shows red on left edges and blue on right edges. Can only be adjusted in advanced photo editors.

Lens flares are not noise. It is a lens problem.

Vibrance

Affects the intensity of colors

Definition

Enhances the clarity and sharpness

Brilliance

Enhances overall brightness and contrast

Exposure

Changes the overall brightness

Contrast

Enhances the difference in brightness between dark and light features

Highlights

Only affects the brightest areas. Useful in decreasing overexposure.

Shadows

Only affects the darkest areas. Useful in decreasing underexposure.

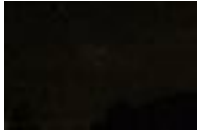
Sharpness

Enhances edges
Accents noise

Demonstration

This demo will not explore every tool and function.

Dark Sky (to show noise)



Color chart



Art (using filters)



Landscape



People



Portrait



Live Photo



Focus



References

Take Control of iPhone Photography (1.0) - Jeff Carlson, copyright 2024

<https://iphonphotographyschool.com/iphone-photography-tips/>

<https://digital-photography-school.com/iphone-landscape-photography/>

<https://blog.motifphotos.com/do-more-lenses-mean-better-a-guide-to-all-the-iphone-camera-lenses/>

<https://support.apple.com/guide/iphone/edit-photos-and-videos-iphb08064d57/ios>

<https://appletoolbox.com/editing-photos-iphone/>

<https://photovideolounge.com/543/flash-on-iphone-camera/>

<https://support.apple.com/guide/iphone/take-portraits-iphd7d3a91a2/ios>

https://www.youtube.com/results?search_query=iphone+photo+editing