

CLiR Panel for Photoshop CC 2019, Photoshop 2020 & 2021



DISPLAY ISSUES ON WINDOWS PC

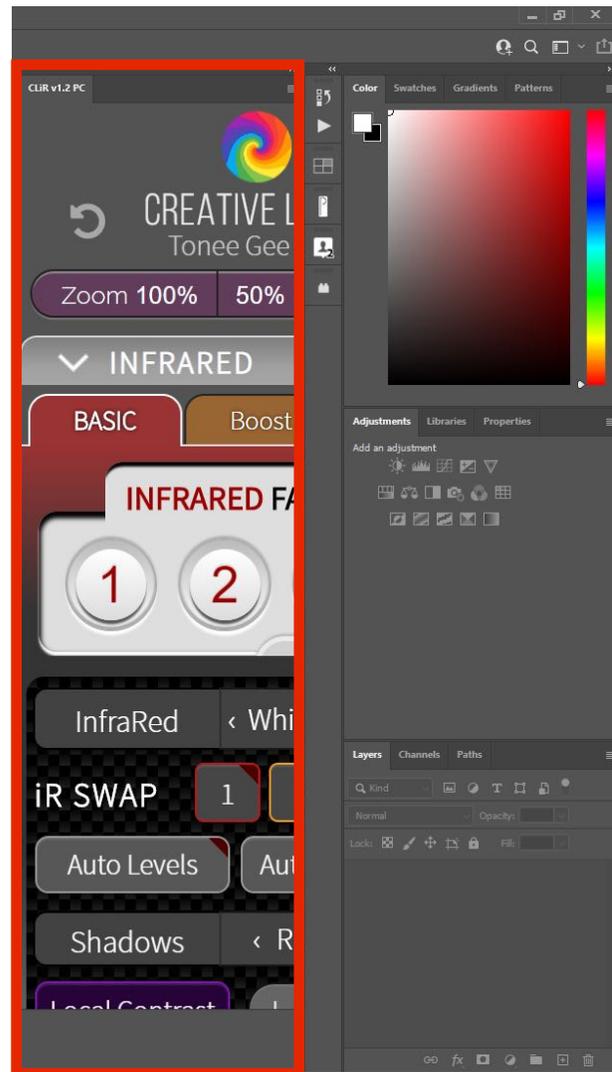
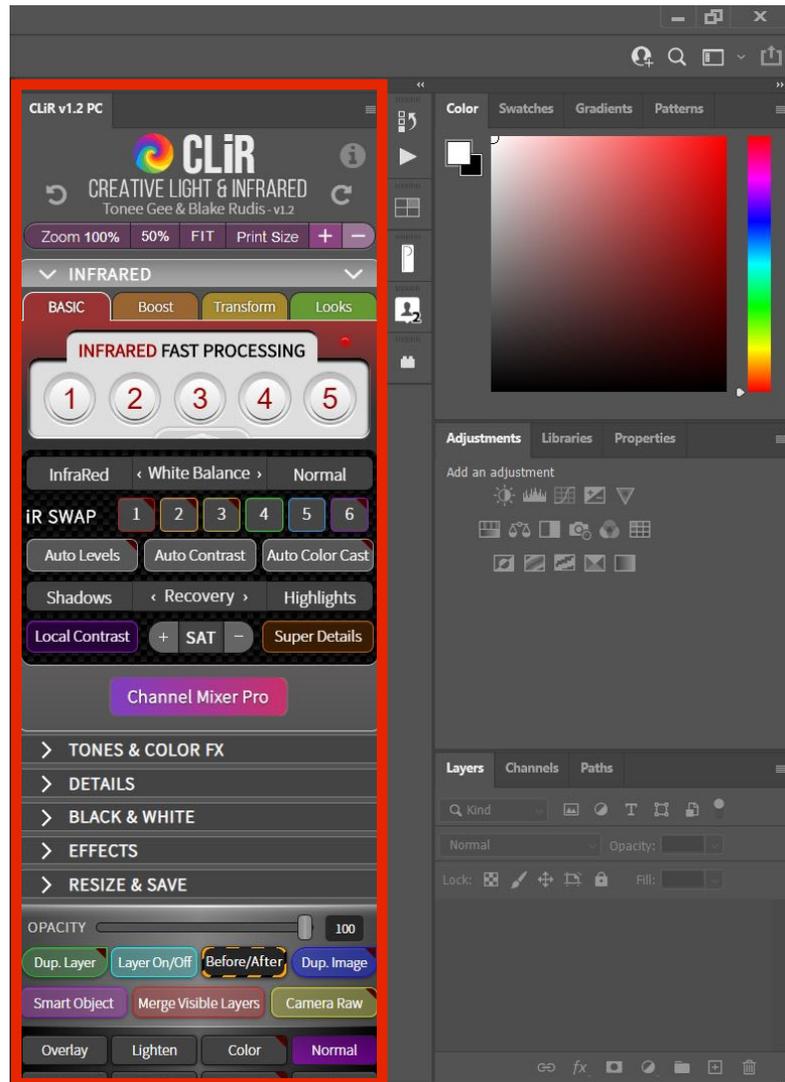


tonee.is.CLiR@gmail.com
www.creativelightinfrared.com

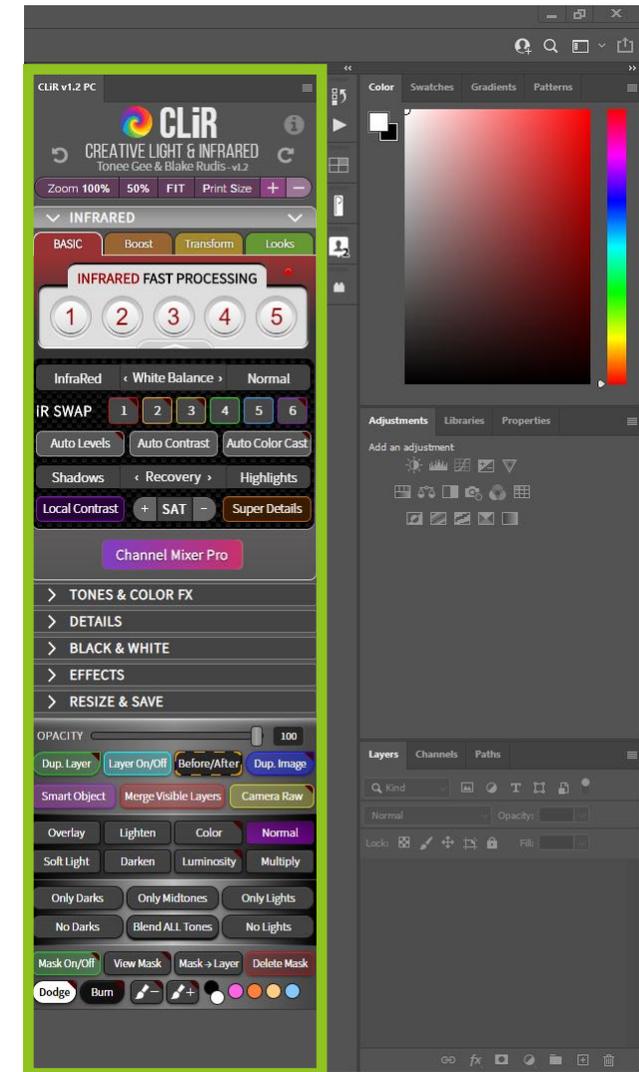
CLiR – CREATIVE LIGHT & INFRARED MASTERY



CLiR Panel in Photoshop, showing display issues: part of the panel are cropped, text is too big...



CLiR Panel in Photoshop, properly displayed



👉 Let's see what solutions we have to fix it.

On Windows machines, there are a few points that need special attention, if you've experienced graphic display "zoom" issues.

In fact, due to some graphic bugs between Windows OS and Adobe Photoshop, CEP Panels can show up as cropped.

Besides our recommendation of setting your monitor to a minimum resolution of 1080 pixels height, here are the areas that you need to access in order to make sure that your monitor is properly setup. Mac OS users shouldn't be concerned at all.

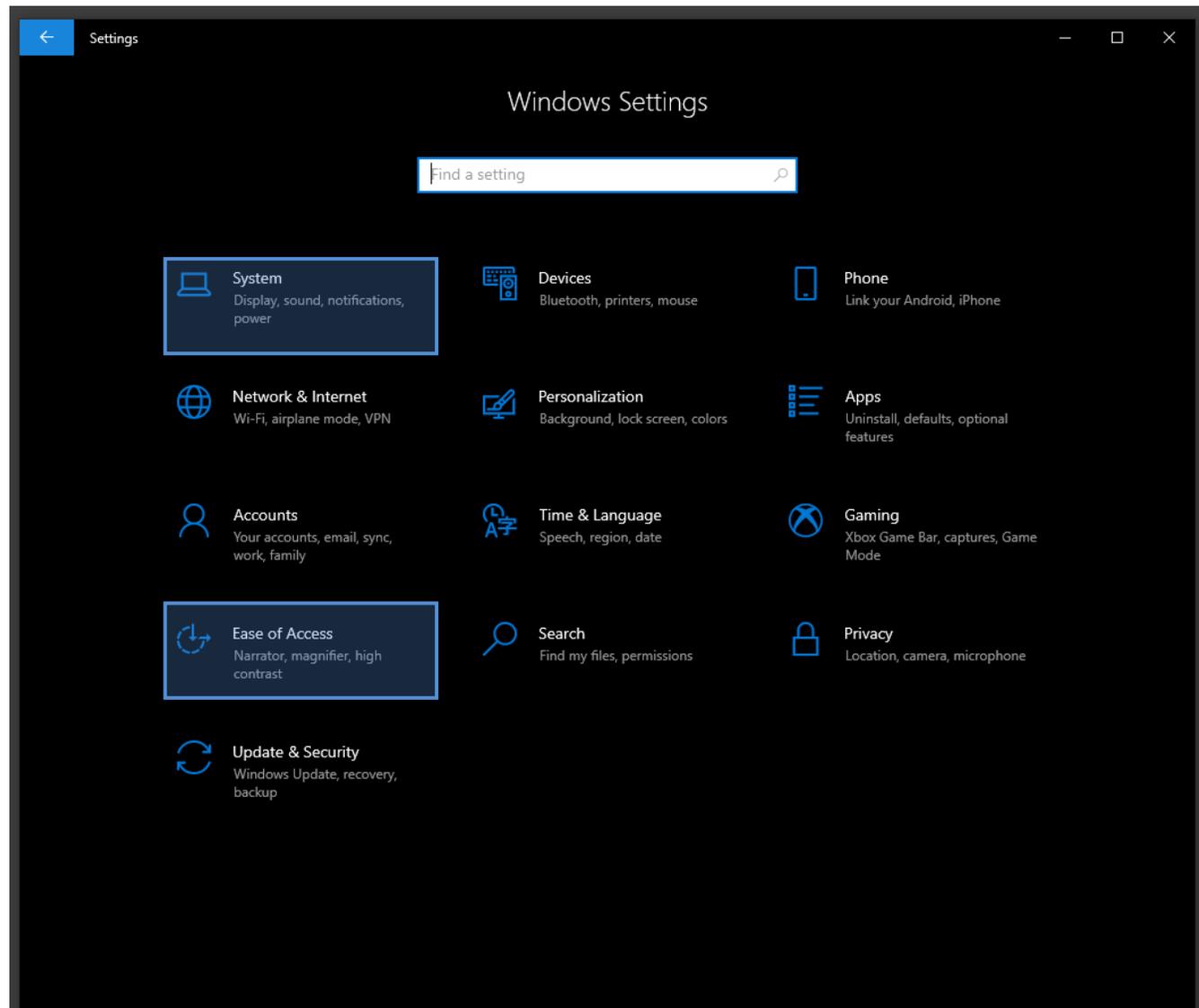
We basically need to access Windows Settings and look out for 4 parameters:

In Display

- Scale and Layout
- Display Resolution

In Ease of Access

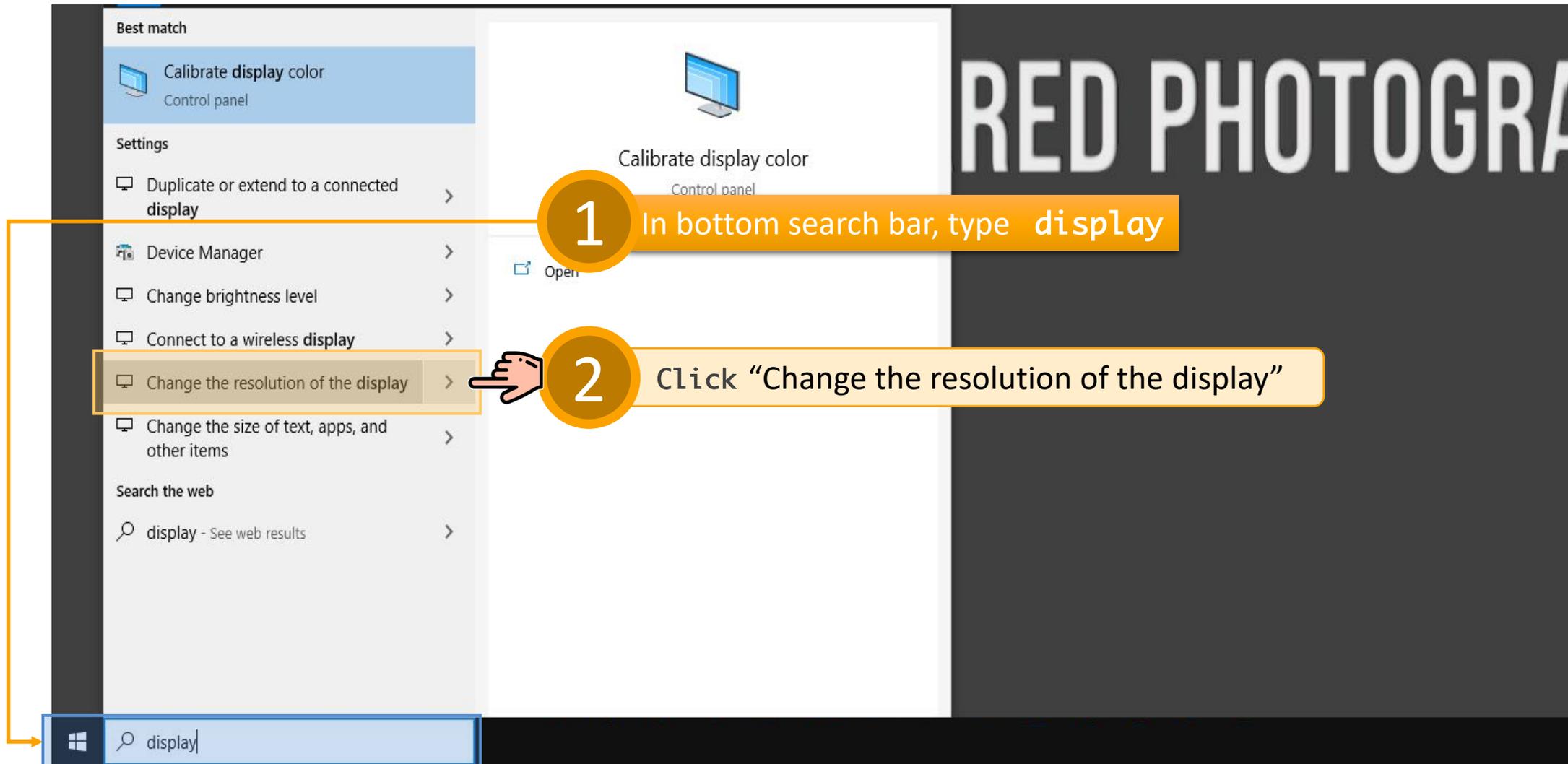
- Make text bigger
- Make Everything bigger



[Learn more...](#)

To avoid any menu confusion in Win OS, we will just start from the Desktop !

Please quit Photoshop if it's running.



The image shows a Windows search interface with the following elements:

- Search Bar:** Located at the bottom left, containing the text "display".
- Best match:** A list of search results. The top result is "Calibrate display color" (Control panel), which is highlighted in blue.
- Settings:** A list of settings options. The option "Change the resolution of the display" is highlighted in grey and has a hand cursor pointing to it.
- Search the web:** A section with a search icon and the text "display - See web results".
- Callout 1:** A yellow box with the number "1" and the text "In bottom search bar, type display". An arrow points from this box to the search bar.
- Callout 2:** A yellow box with the number "2" and the text "Click 'Change the resolution of the display'". An arrow points from this box to the "Change the resolution of the display" setting.

You are now in
Display :



Settings

Home

Find a setting

System

- Display
- Sound
- Notifications & actions
- Focus assist
- Power & sleep
- Storage
- Tablet
- Multitasking
- Projecting to this PC
- Shared experiences
- Clipboard
- Remote Desktop
- About

Display

Brightness and color

Change brightness for the built-in display

Night light
Off

[Night light settings](#)

Windows HD Color

Get a brighter and more vibrant picture for videos, games and apps that support HDR.

[Windows HD Color settings](#)

Scale and layout

Change the size of text, apps, and other items

100% (Recommended)

[Advanced scaling settings](#)

Display resolution

1920 × 1080 (Recommended)

Display orientation

Landscape

Multiple displays

[Connect to a wireless display](#)

Older displays might not always connect automatically. Select Detect to try to connect to them.

Check for :

Scale and Layout : 100%

Display Resolution : n x 1080 MINIMUM

Settings

Home

Find a setting

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Display

Brightness and color

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Night light

Off

[Night light settings](#)

Windows HD Color

Get a brighter and more vibrant picture for videos, games and apps that support HDR.

[Windows HD Color settings](#)

Scale and layout

Some apps won't respond to scaling changes until you close and reopen them.

Change the size of text, apps, and other items

125%



[Advanced scaling settings](#)

Display resolution

1920 x 1080 (Recommended)

Display orientation

Landscape

CLiR v1.2 PC

CLiR
CREATIVE LIGHT & INFRARED
Tonee Gee & Blake Rudis - v1.2

Zoom 100% 50% FIT Print Size + -

INFRARED

BASIC Boost Transform Looks

INFRARED FAST PROCESSING

1 2 3 4 5

InfraRed < White Balance > Normal

IR SWAP 1 2 3 4 5 6

Auto Levels Auto Contrast Auto Color Cast

Shadows < Recovery > Highlights

Local Contrast + SAT - Super Details

Channel Mixer Pro

TONES & COLOR FX

DETAILS

BLACK & WHITE

EFFECTS

RESIZE & SAVE

OPACITY 100

Dup. Layer Layer On/Off Before/After Dup. Image

Smart Object Merge Visible Layers Camera Raw

Overlay Lighten Color Normal

Color Swatches Gradients Patterns

Adjustments Libraries Properties

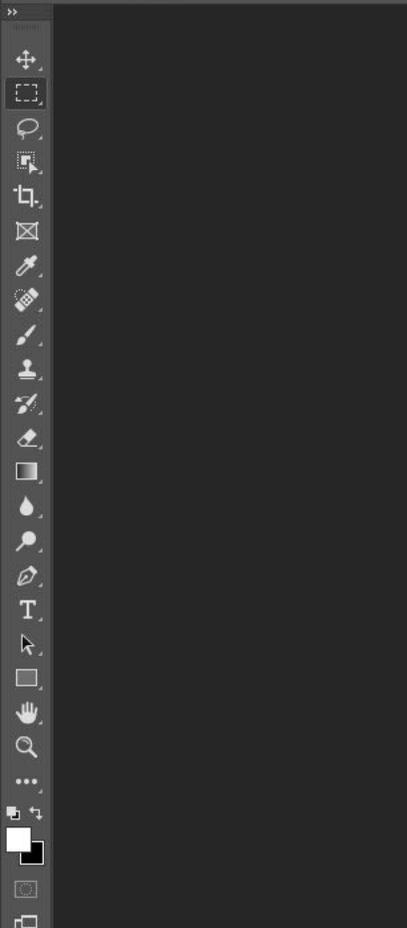
Add an adjustment

Layers Channels Paths

Normal Opacity: 100

Lock: Fill:

7



Settings

Home

Find a setting

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Display

Brightness and color

Change brightness for the built-in display

Night light Off

[Night light settings](#)

Windows HD Color

Get a brighter and more vibrant picture for videos, games and apps that support HDR.

[Windows HD Color settings](#)

Scale and layout

Change the size of text, apps, and other items

100% (Recommended)

[Advanced scaling settings](#)

Display resolution: 1920 x 1080 (Recommended)

Display orientation: Landscape

Multiple displays



CLiR v1.2 PC

CREATIVE LIGHT & INFRARED
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Zoom 100% 50% FIT Print Size + -

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> TONES & COLOR FX

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> BLACK & WHITE

> EFFECTS

> RESIZE & SAVE

OPACITY 100

Dup. Layer Layer On/Off Before/After Dup. Image

Smart Object Merge Visible Layers Camera Raw

Overlay Lighten Color Normal

Soft Light Darken Luminosity Multiply

Only Darks Only Midtones Only Lights

No Darks Blend ALL Tones No Lights

Mask On/Off View Mask Mask -> Layer Delete Mask

Dodge Burn

Color Swatches Gradients Patterns

Adjustments Libraries Properties

Add an adjustment

Layers Channels Paths

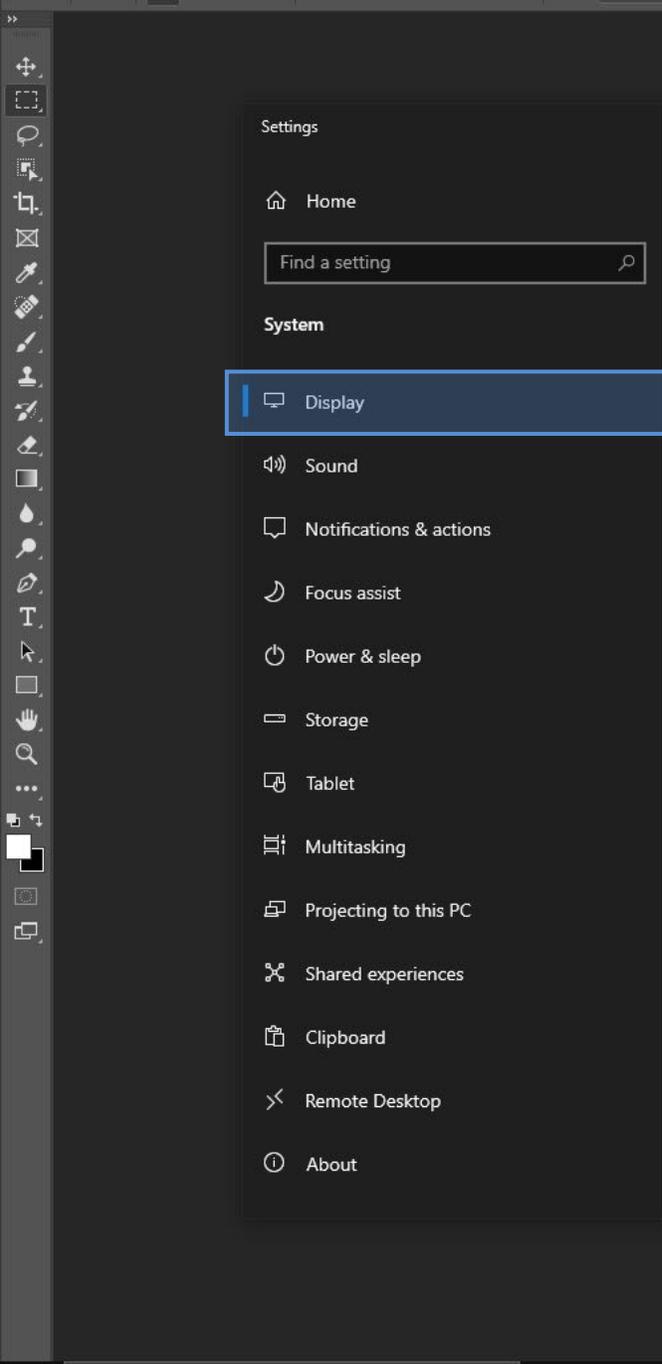
Normal Opacity: 100%

Locks Fill:

8

Note: you can reduce height of the CLiR panel and scroll through with your mouse

The image shows a Windows Settings window on the left, specifically the 'Display' section under 'Brightness and color'. The 'Scale and layout' section is expanded, showing a dropdown menu set to '125%'. A mouse cursor is positioned over the '125%' option, and a yellow callout box with a downward arrow and the text 'SCROLL DOWN' is overlaid on the mouse. To the right, the CLiR software interface is shown, featuring various adjustment panels like 'INFRARED FAST PROCESSING', 'IR SWAP', and 'TONES & COLOR FX'. A large green checkmark is placed at the bottom of the CLiR interface. The background also shows a portion of a photo editing application with a color picker and adjustment sliders.



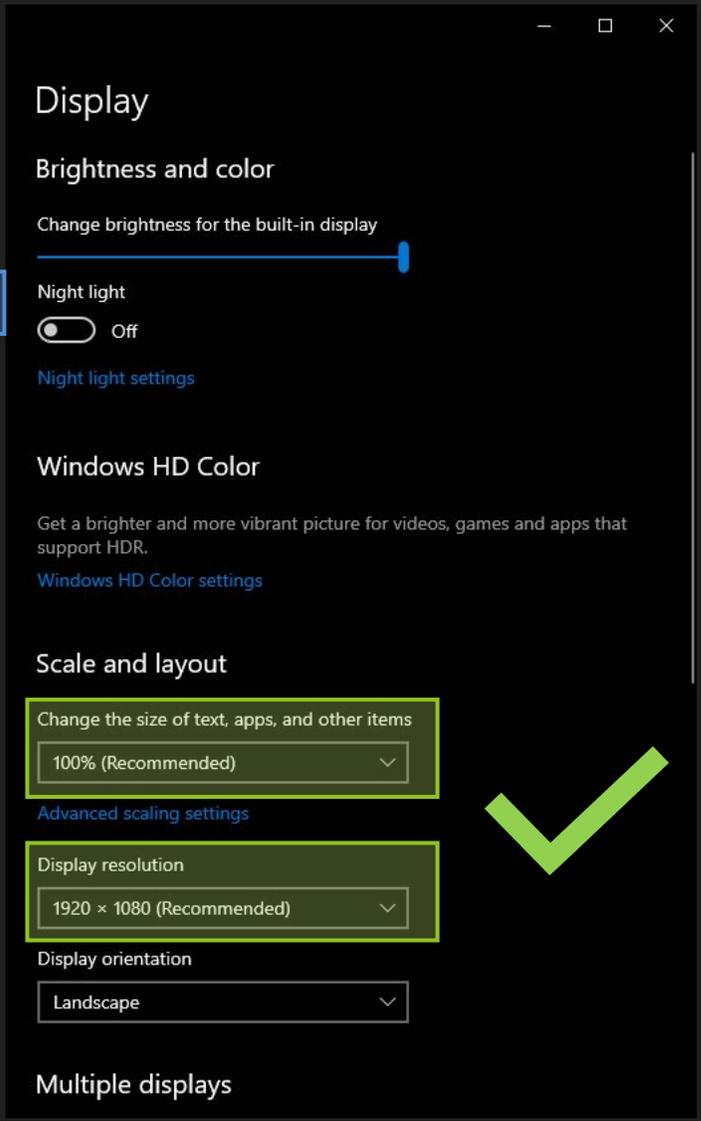
Settings

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Night light
Off

Windows HD Color

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Scale and layout

Change the size of text, apps, and other items
100% (Recommended)

Display resolution
1920 x 1080 (Recommended)

Display orientation
Landscape



Resized panel



CLiR v1.2 PC

CLiR
CREATIVE LIGHT & INFRARED
Tonee Gee & Blake Rudis - v1.2

Zoom 100% 50% FIT Print Size + -

INFRARED

BASIC Boost Transform Looks

INFRARED FAST PROCESSING

1 2 3 4 5

InfraRed < White Balance > Normal

IR SWAP 1 2 3 4 5 6

Auto Levels Auto Contrast Auto Color Cast

Shadows < Recovery > Highlights

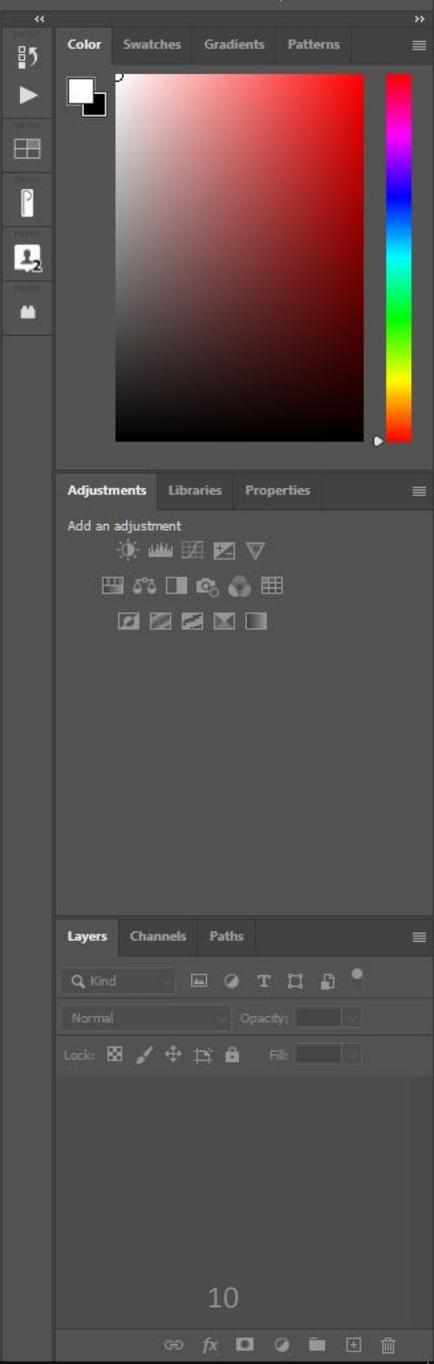
Local Contrast + SAT - Super Details

Channel Mixer Pro

> TONES & COLOR FX

> DETAILS

> BLACK & WHITE



Color Swatches Gradients Patterns

Adjustments Libraries Properties

Add an adjustment

Layers Channels Paths

Kind

Normal Opacity

Locks Fill

10

CLiR v1.2 > RESIZING THE PANEL



When the CLiR panel has been resized, use the mouse wheel and **scroll** to show the rest of the panel:

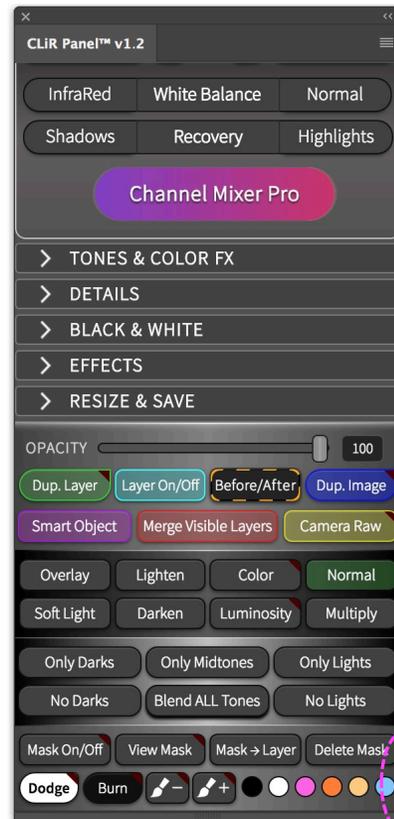


As soon as you start to **scroll down**, the vertical scroll bar will automatically appear on the right side of the panel.

NEW in CLiR v1.2



SCROLL DOWN
↓



IMPORTANT



IF YOUR SCREEN RESOLUTION ALLOWS YOU :

SET THE SCREEN RESOLUTION TO A **MINIMUM HEIGHT OF 1080 PIXELS.**
(No Zoom Scaling factor)



Panel minimum size
565 x 290 pixels

Panel maximum size
915 x 290 pixels

CLiR v1.2 > RESIZING THE PANEL



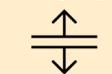
915 pixels

290 pixels



Resize Panel handle

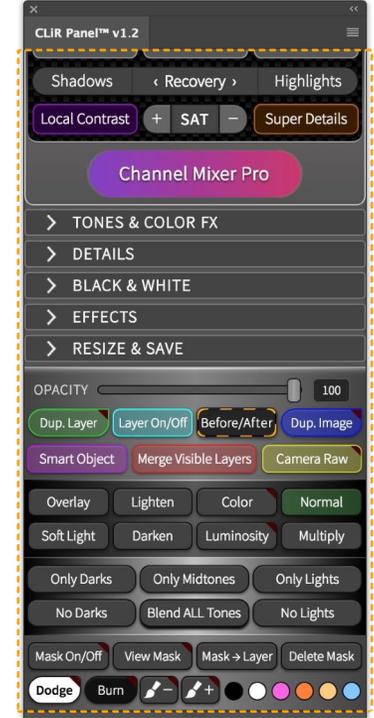
Drag Up



click



565 pixels



You can scroll down too



SCROLL DOWN



To **resize** the CLiR Panel, first undock it.

Then grab the Resize Panel handle at the bottom. Click & drag up to resize.

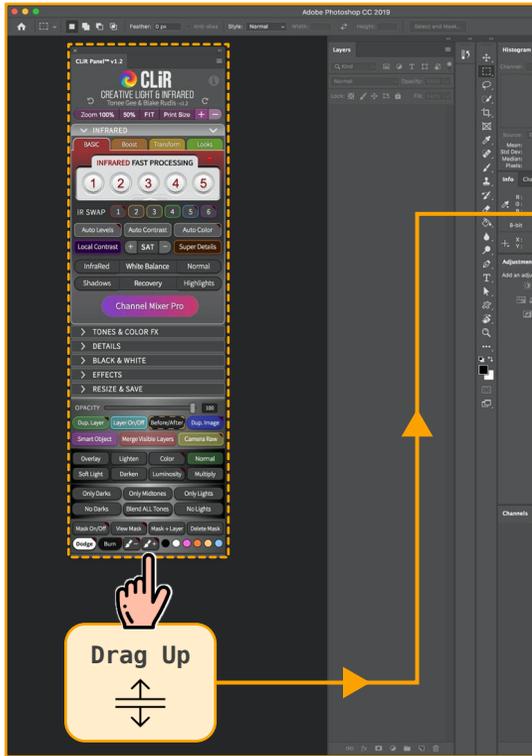
Panel can be resized to a convenient height of 560 pixels to accommodate small resolution screens i.e. 720 lines displays.

Width size stays constant at 290 pixels.

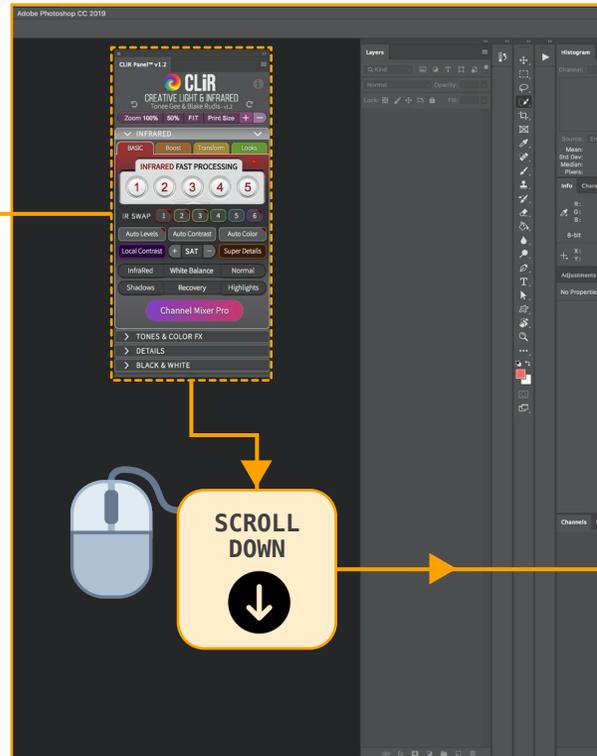
CLiR v1.2 > RESIZING THE PANEL



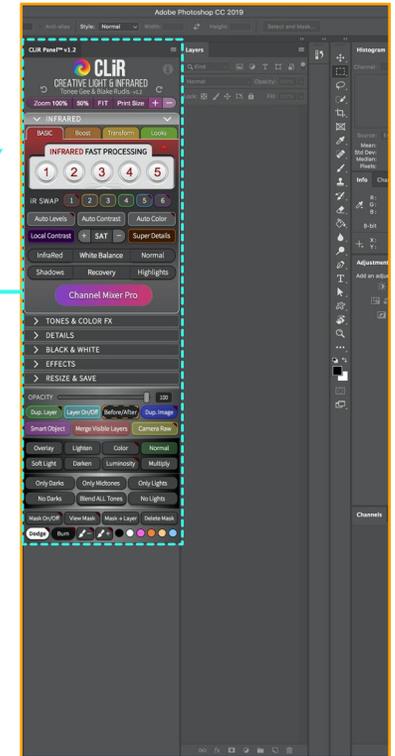
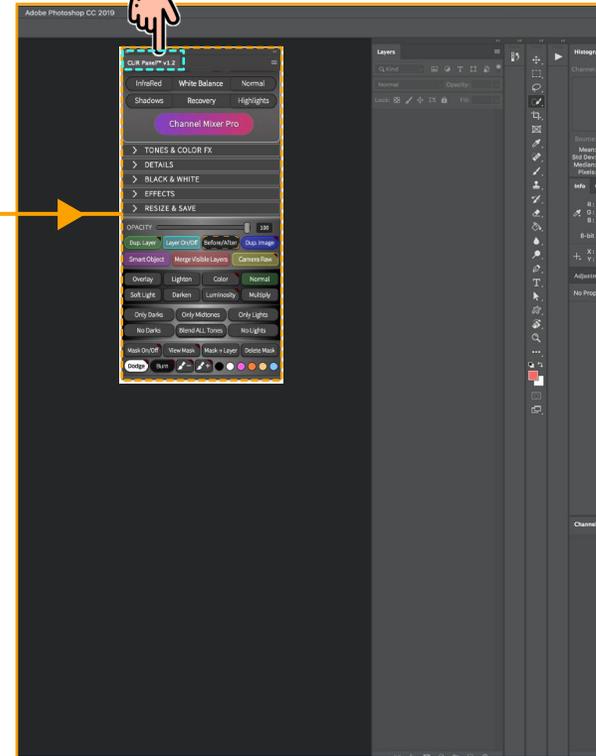
When the panel is **undocked** it can be resized



Use the mouse to **scroll** down or up to see hidden content



Click & drag right to dock the panel



When the Panel is **docked** it will be displayed with its maximum height

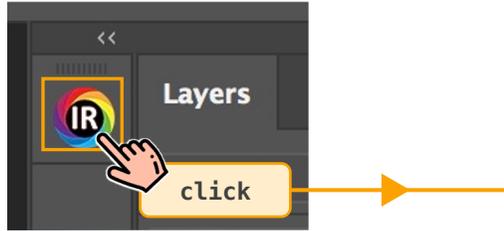
🔥 The **big** improvement here is not only the CLiR Panel can be resized to a smaller height, but it's now possible to **use your mouse to scroll up or down** and see the overflow hidden content 👍

CLiR PANEL > OPEN vs. EXPAND

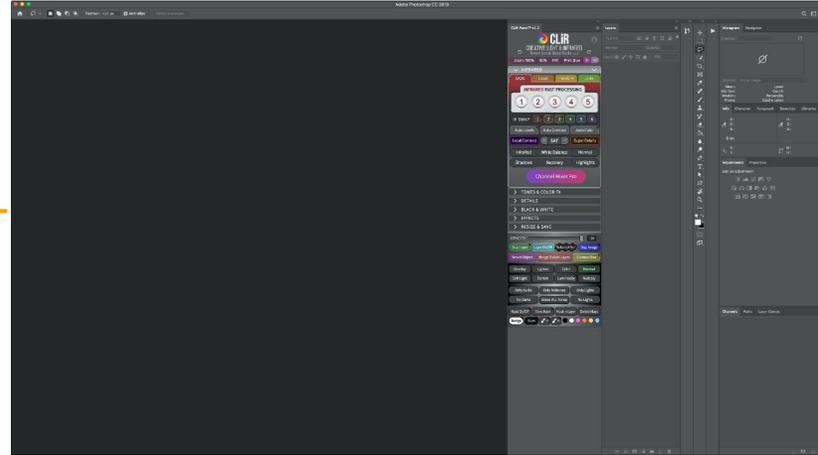


Option (a) OPEN

If you click the CLiR icon



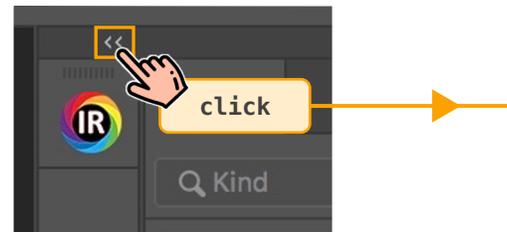
The **Opened** Panel shows up as *maximum* height size.
It *cannot* be resized!



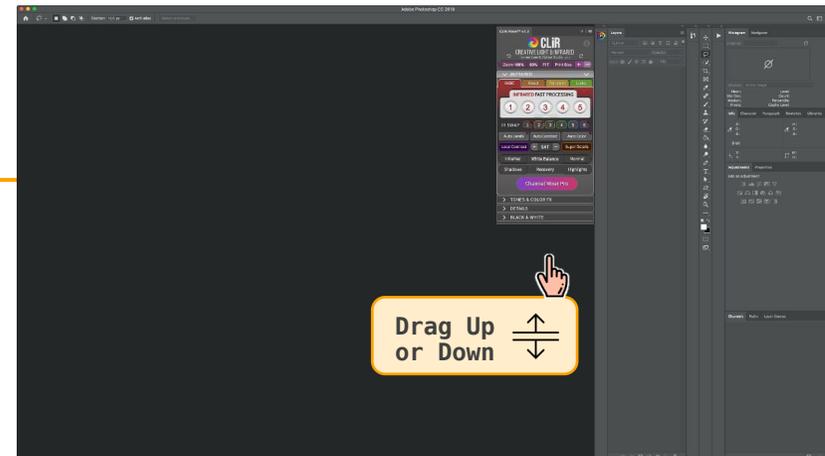
If your screen resolution can accommodate at least 1080 horizontal lines, then **Open** is a good option.

Option (b) EXPAND

If you click the icon upper right corner “≪”



The **Expanded** Panel can be resized!



If your screen is too small to accommodate 1080 lines, then **Expand** is a good option.

You are back in
Display :

A screenshot of the Windows Settings application, specifically the "Display" settings page. The left sidebar shows the "Display" option selected. The main content area is titled "Display" and includes sections for "Brightness and color", "Night light", "Windows HD Color", "Scale and layout", and "Multiple displays". A yellow callout box with a hand icon points to the "Advanced scaling settings" link under the "Scale and layout" section.

Settings

Home

Find a setting

System

- Display
- Sound
- Notifications & actions
- Focus assist
- Power & sleep
- Storage
- Tablet
- Multitasking
- Projecting to this PC
- Shared experiences
- Clipboard
- Remote Desktop
- About

Display

Brightness and color

Change brightness for the built-in display

Night light
Off

[Night light settings](#)

Windows HD Color

Get a brighter and more vibrant picture for videos, games and apps that support HDR.

[Windows HD Color settings](#)

Scale and layout

Change the size of text, apps, and other items

100% (Recommended)

[Advanced scaling settings](#)

Display resolution
1920 × 1080 (Recommended)

Display orientation
Landscape

Multiple displays

[Connect to a wireless display](#)

Older displays might not always connect automatically. Select Detect to try to connect to them.

Click "Advanced scaling settings"

You are in Advanced scaling settings



The screenshot shows the Windows Settings application window titled "Advanced scaling settings". A blue line highlights the back arrow in the top-left corner of the window. A blue box highlights the "Advanced scaling settings" title. A green box highlights the text input field for custom scaling, which contains "100 - 500". A yellow box highlights the "Apply" button. Another yellow box highlights the "Get help" link. A yellow box with the text "Leave blank" is positioned to the right of the input field. A yellow box with the text "And click back arrow" is positioned to the right of the "Apply" button. The page content includes a section for "Fix scaling for apps" with a toggle switch set to "On", and a section for "Custom scaling" with a text input field and an "Apply" button.

← Settings

Advanced scaling settings

Fix scaling for apps

Some desktop apps might look blurry when your display settings change. Windows can try to fix these apps so they look better when you open them the next time. This only works for apps on your main display, and it won't work for all apps.

Let Windows try to fix apps so they're not blurry

On

Custom scaling

All your displays will be set to the custom scaling size you enter. This can cause some text, apps, and other items to be unreadable if a display doesn't support that size. It might be hard to go back to your original settings.

Enter a custom scaling size between 100% - 500% (not recommended)

100 - 500

Apply

[Get help](#)

Leave blank

And click back arrow

You are now in
Display :



The screenshot shows the Windows Settings application with the 'Display' section selected in the left-hand navigation pane. The main content area displays the 'Display' settings, including resolution (1920 x 1080), orientation (Landscape), and a 'Detect' button. Two yellow callout boxes with hand icons provide instructions: the first points to the 'Display orientation' dropdown menu with the text '1 Scroll Down and ...', and the second points to the 'Advanced display settings' link with the text '2 Click "Advanced display settings"'. A mouse cursor is shown hovering over the 'Advanced display settings' link. A separate callout box with a mouse icon and the text 'SCROLL DOWN' with a downward arrow is positioned near the 'Detect' button.

Settings

Home

Find a setting

System

Display

Sound

Notifications & actions

Focus assist

Power & sleep

Storage

Tablet

Multitasking

Projecting to this PC

Shared experiences

Clipboard

Remote Desktop

About

Display

1920 × 1080 (Recommended)

Display orientation

Landscape

Multiple displays

[Connect to a wireless display](#)

Older displays might not always connect automatically. Select Detect to try to connect to them.

Detect

[Advanced display settings](#)

[Graphics settings](#)

Sleep better

Night light can help you get to sleep by displaying warmer colors at night. Select Night light settings to set things up.

Help from the web

[Setting up multiple monitors](#)

[Fixing screen flickering](#)

[Adjusting font size](#)

[Changing screen brightness](#)

[Get help](#)

[Give feedback](#)

1 Scroll Down and ...

2 Click "Advanced display settings"

SCROLL DOWN

You are in Advanced display settings

Check for :



The screenshot shows the Windows Settings application, specifically the "Advanced display settings" page. A blue arrow points to the back arrow in the top-left corner of the window. A yellow box highlights the "Desktop resolution" and "Active signal resolution" fields, both showing "1920 x 1080". Another yellow box contains the text "Display Resolution : n x 1080 1080 lines is a MINIMUM". A third yellow box at the bottom right contains the text "And click back arrow".

← Settings

Advanced display settings

Choose display

Select a display to view or change the settings for it.

Display 1: Lenovo AIO PC

Display information

Lenovo AIO PC
Display 1: Connected to Intel(R) HD Graphics 4400

Desktop resolution	1920 × 1080
Active signal resolution	1920 × 1080
Refresh rate (Hz)	59.997 Hz
Bit depth	8-bit
Color format	RGB
Color space	Standard dynamic range (SDR)

[Display adapter properties for Display 1](#)

Refresh Rate

Choose the refresh rate for your display. A higher rate provides smoother motion, but also uses more power.

Refresh rate

59.997 Hz

[Learn more](#)

We've checked

In **Display**

- Scale and Layout
- Display Resolution



We'll check

In **Ease of Access**

- Make text bigger
- Make Everything bigger

Let's go back to Windows...

You are
back in
Display



Click "Home"

A screenshot of the Windows Settings application, specifically the "Display" settings page. The left sidebar shows the "Settings" menu with "Home" highlighted. The main content area is titled "Display" and includes sections for "Make text bigger", "Make everything bigger", "Make everything brighter", and "Simplify and personalize Windows".

Settings

Home

Find a setting

Ease of Access

Vision

- Display
- Mouse pointer
- Text cursor
- Magnifier
- Color filters
- High contrast
- Narrator

Hearing

- Audio
- Closed captions

Interaction

- Speech
- Keyboard

Display

Make your display easier to see.

Make text bigger

Sample text

Drag the slider until the sample text is easy to read, then click Apply

A A

Apply

Make everything bigger

Change the size of apps and text on the main display

100% (Recommended)

[Change the size of apps and text on other displays](#)

[Change the size and color of your cursor and mouse pointer](#)

Make everything brighter

Change the brightness of your built-in display

100 %

[Change brightness automatically or use night light](#)

Simplify and personalize Windows

Show animations in Windows

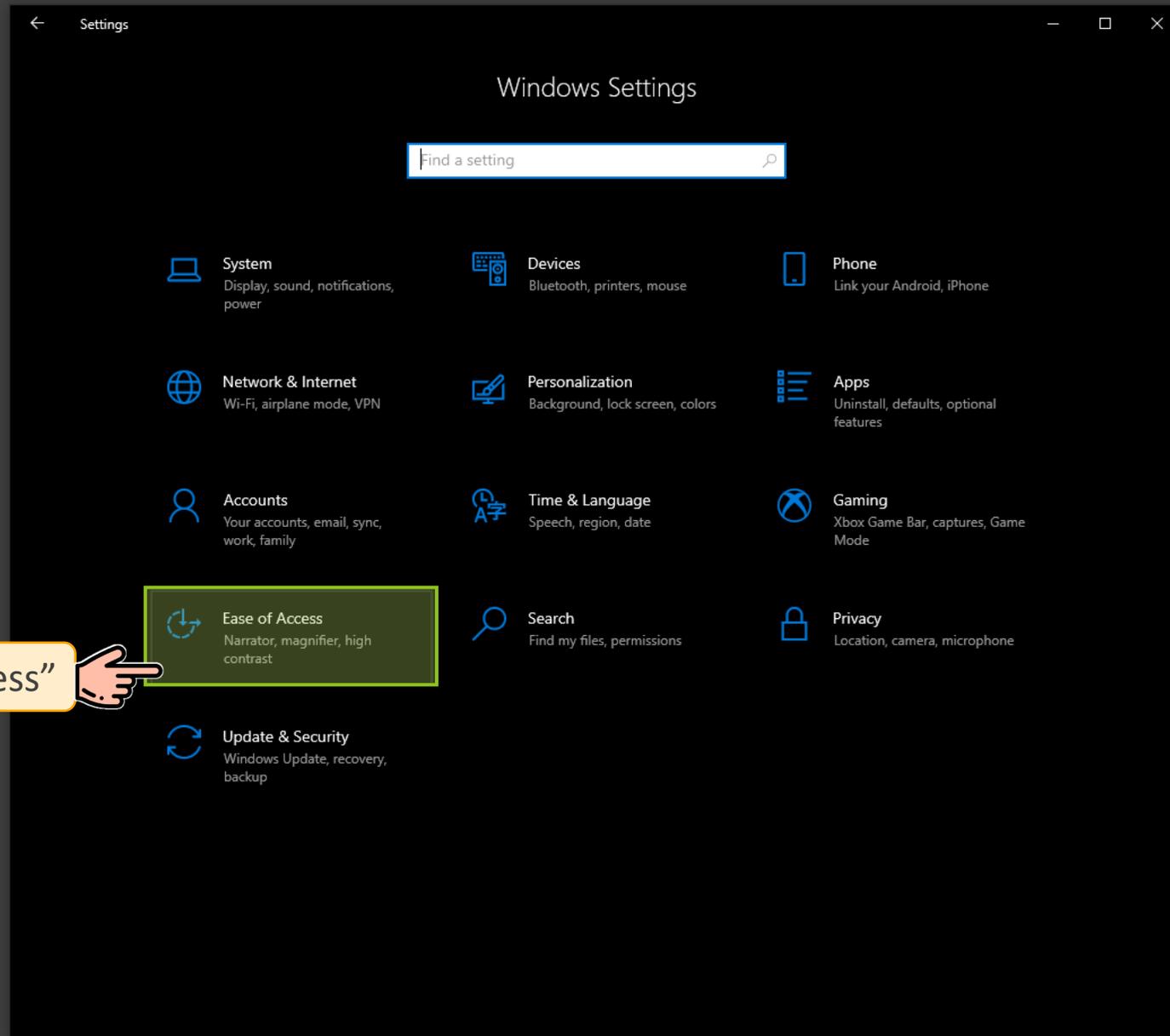
Off

Show transparency in Windows

You are Windows Settings



Click "Ease of Access"

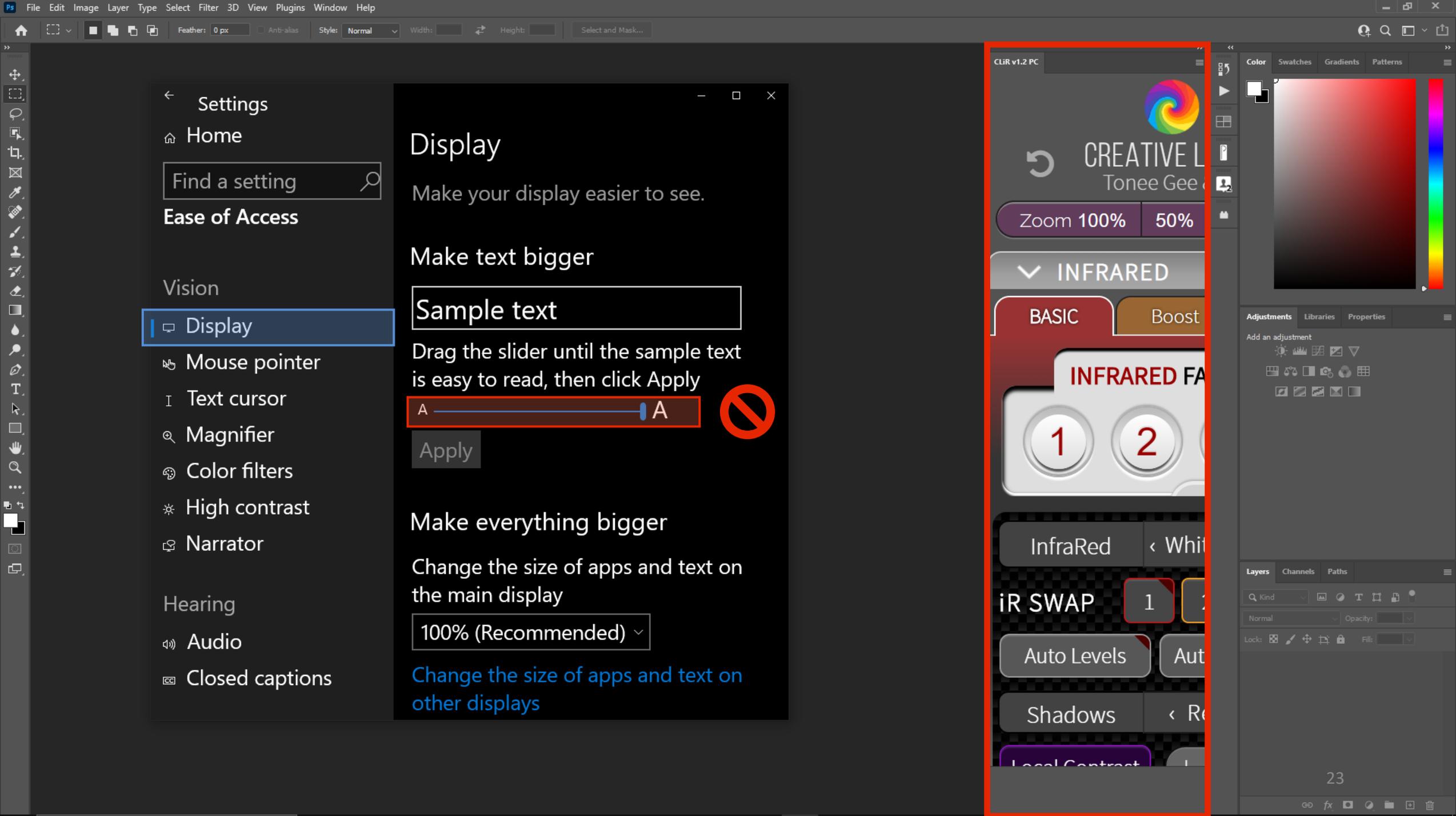


You are now in
Ease of Access



A screenshot of the Windows Settings application. The left sidebar shows the "Ease of Access" category selected, with "Display" highlighted. The main pane shows the "Display" settings. Annotations include: "Make text bigger" pointing to the "Sample text" field; "Check for :" pointing to the "Apply" button; "Smallest value" pointing to the left side of the font size slider; "Set to 100%" pointing to the "100% (Recommended)" dropdown menu; and "Make everything bigger" pointing to the "Change the size of apps and text on the main display" section. The "Make everything brighter" section shows the brightness slider set to 100%.





- Settings
- Home
- Find a setting
- Ease of Access
- Vision
- Display
- Mouse pointer
- Text cursor
- Magnifier
- Color filters
- High contrast
- Narrator
- Hearing
- Audio
- Closed captions

Display

Make your display easier to see.

Make text bigger

Sample text

Drag the slider until the sample text is easy to read, then click Apply

A A

Apply

Make everything bigger

Change the size of apps and text on the main display

100% (Recommended)

Change the size of apps and text on other displays

CLiR v1.2 PC



CREATIVE L
Tonee Gee

Zoom 100% 50%

INFRARED

BASIC Boost

INFRARED FA

1 2

InfraRed < White

iR SWAP 1

Auto Levels Auto

Shadows < Re

Local Contrast

Color Swatches Gradients Patterns



Adjustments Libraries Properties

Add an adjustment



Layers Channels Paths

Kind

Normal Opacity

Lock Fill

23

File Edit Image Layer Type Select Filter 3D View Window Help

Settings

Home

Find a setting

Ease of Access

Vision

- Display
- Mouse pointer
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Hearing

- Audio
- Closed captions

Interaction

Display

Make your display easier to see.

Make text bigger

Sample text

Drag the slider until the sample text is easy to read, then click Apply

A  A

Apply

Make everything bigger

Change the size of apps and text on the main display

125%

[Change the size of apps and text on other displays](#)

[Change the size and color of your cursor and mouse pointer](#)

Make everything brighter

Change the brightness of your built-in display

 100 %

[Change brightness automatically or use night light](#)

Simplify and personalize Windows

CLiR v1.2 PC

CLiR
CREATIVE LIGHT & INFRARED
Tonee Gee & Blake Rudis - v1.2

Zoom 100% 50% FIT Print Size + -

INFRARED

BASIC Boost Transform Looks

INFRARED FAST PROCESSING

1 2 3 4 5

InfraRed < White Balance > Normal

IR SWAP 1 2 3 4 5 6

Auto Levels Auto Contrast Auto Color Cast

Shadows < Recovery > Highlights

Local Contrast + SAT - Super Details

Channel Mixer Pro

TONES & COLOR FX

DETAILS

BLACK & WHITE

EFFECTS

RESIZE & SAVE

OPACITY

Dup. Layer Layer On/Off Before/After Dup. Image

Smart Object Merge Visible Layers Camera Raw

Overlay Lighten Color Normal

Color Swatches Gradients Patterns

Adjustments Libraries Properties

Add an adjustment

Layers Channels Paths

Normal Opacity: %

Lock: Fill: %

24



Settings

Home

Find a setting

Ease of Access

Vision

- Display
- Mouse pointer
- Text cursor
- Magnifier
- Color filters
- High contrast
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Hearing

- Audio
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Interaction

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Drag the slider until the sample text is easy to read, then click Apply

A  A

Apply

Make everything bigger

Change the size of apps and text on the main display

100% (Recommended)

Change the size of apps and text on other displays

Change the size and color of your cursor and mouse pointer

Make everything brighter

Change the brightness of your built-in display

 100%

Change brightness automatically or use night light

Simplify and personalize Windows

Show animations in Windows



CLiR v1.2 PC

CLiR
CREATIVE LIGHT & INFRARED
Tonee Gee & Blake Rudis - v1.2

Zoom 100% 50% FIT Print Size + -

INFRARED

BASIC Boost Transform Looks

INFRARED FAST PROCESSING

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> DETAILS

> BLACK & WHITE

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> RESIZE & SAVE

OPACITY

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Overlay Lighten Color Normal

Soft Light Darken Luminosity Multiply

Only Darks Only Midtones Only Lights

No Darks Blend ALL Tones No Lights

Mask On/Off View Mask Mask -> Layer Delete Mask

Dodge Burn 

Color Swatches Gradients Patterns

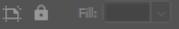
Color

Adjustments Libraries Properties

Add an adjustment

Layers Channels Paths

Normal Opacity: 100%

Lock:  Fill: 

25

We've checked

In **Display**

- Scale and Layout
- Display Resolution



We've checked

In **Ease of Access**

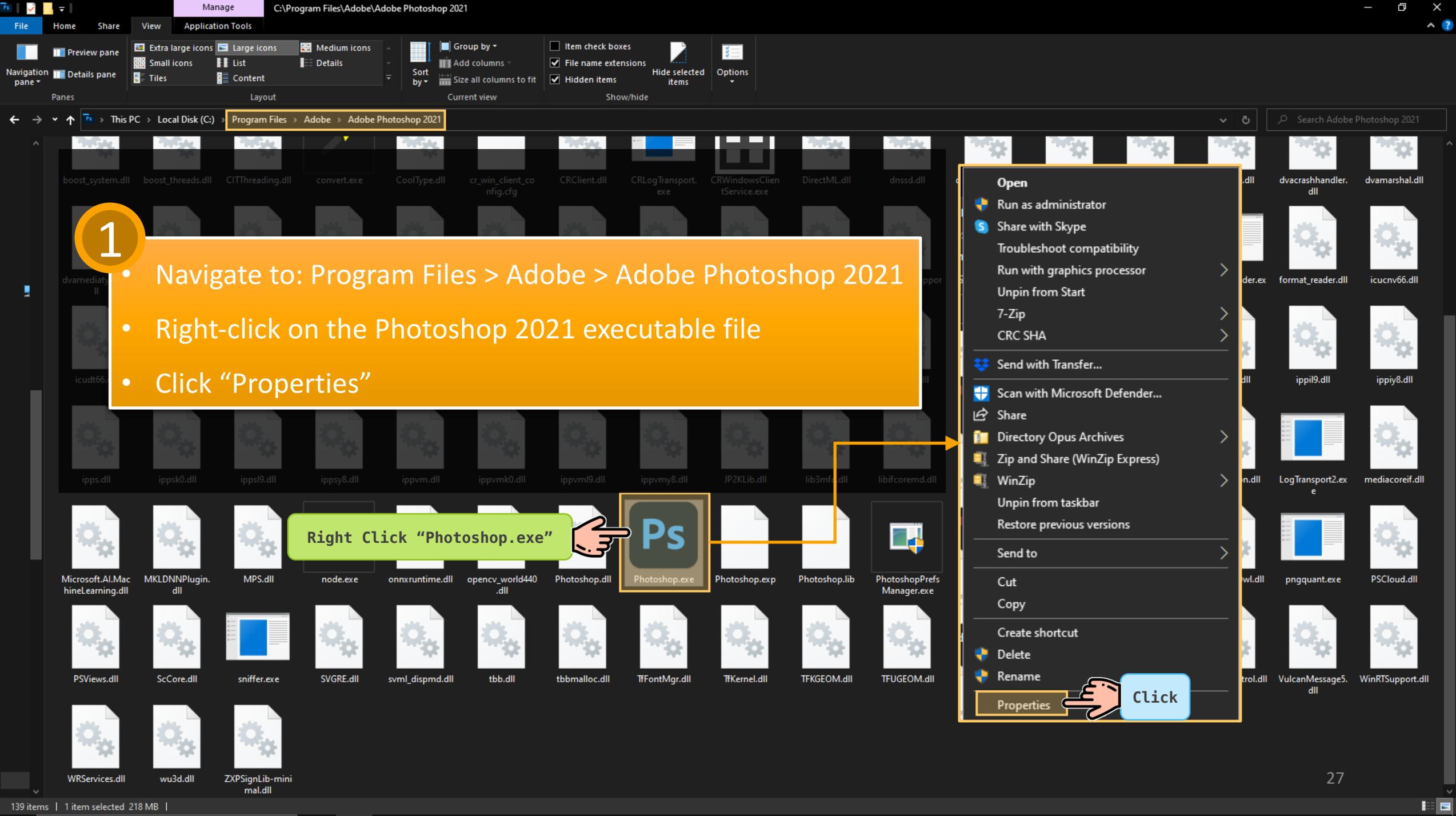
- Make text bigger
- Make Everything bigger



Now you can relaunch Photoshop

NOTE: If none of the above is working, you might want to try what's described in the next pages...

Before, quit Photoshop if it's running.



1

- Navigate to: Program Files > Adobe > Adobe Photoshop 2021
- Right-click on the Photoshop 2021 executable file
- Click "Properties"

Right Click "Photoshop.exe"

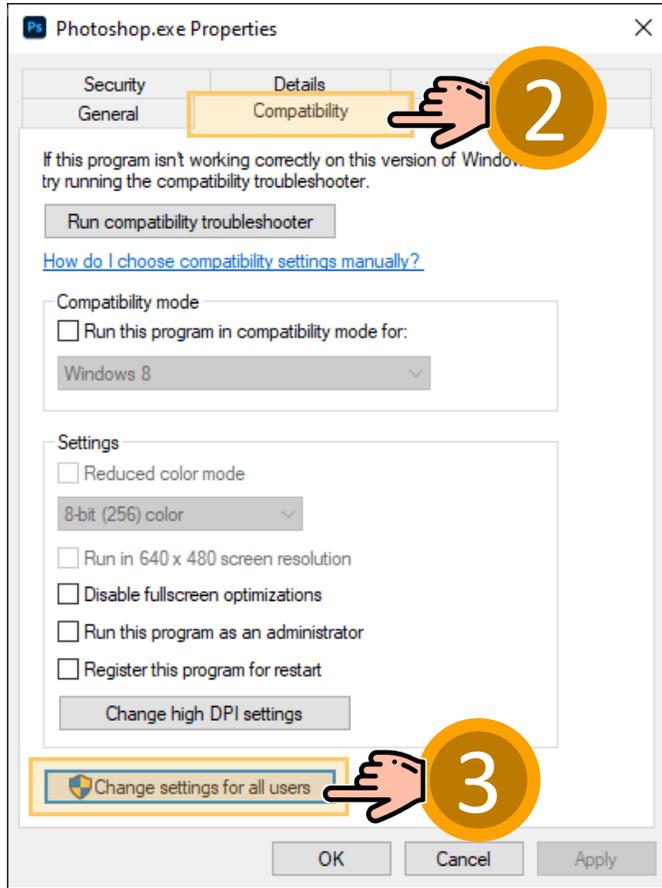
Open

- Run as administrator
- Share with Skype
- Troubleshoot compatibility
- Run with graphics processor >
- Unpin from Start
- 7-Zip >
- CRC SHA >
- Send with Transfer...
- Scan with Microsoft Defender...
- Share
- Directory Opus Archives >
- Zip and Share (WinZip Express)
- WinZip >
- Unpin from taskbar
- Restore previous versions
- Send to >
- Cut
- Copy
- Create shortcut
- Delete
- Rename
- Properties**

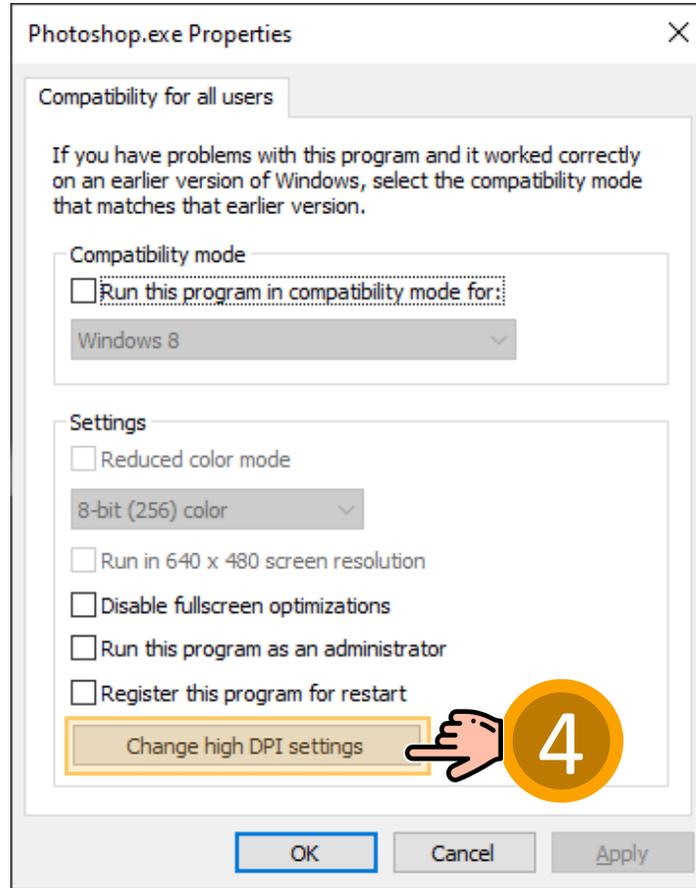
Click

2 Click Compatibility tab

3 Click "Change settings for all users"



4 Click "Change high DPI settings"

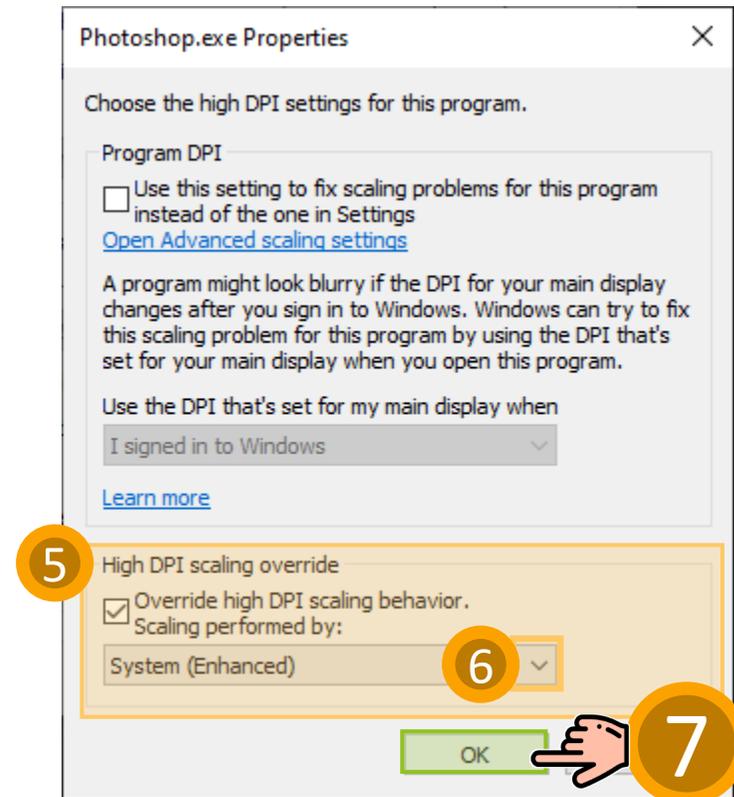


5 Check box "Override high DPI scaling behaviour. Scaling performed by:"

6 Select option "System (Enhanced)"

7 Click OK, accept and apply the changes

Open Photoshop. Everything works fine again.





INFRARED PHOTOGRAPHY MASTERY

Thank you for reading

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