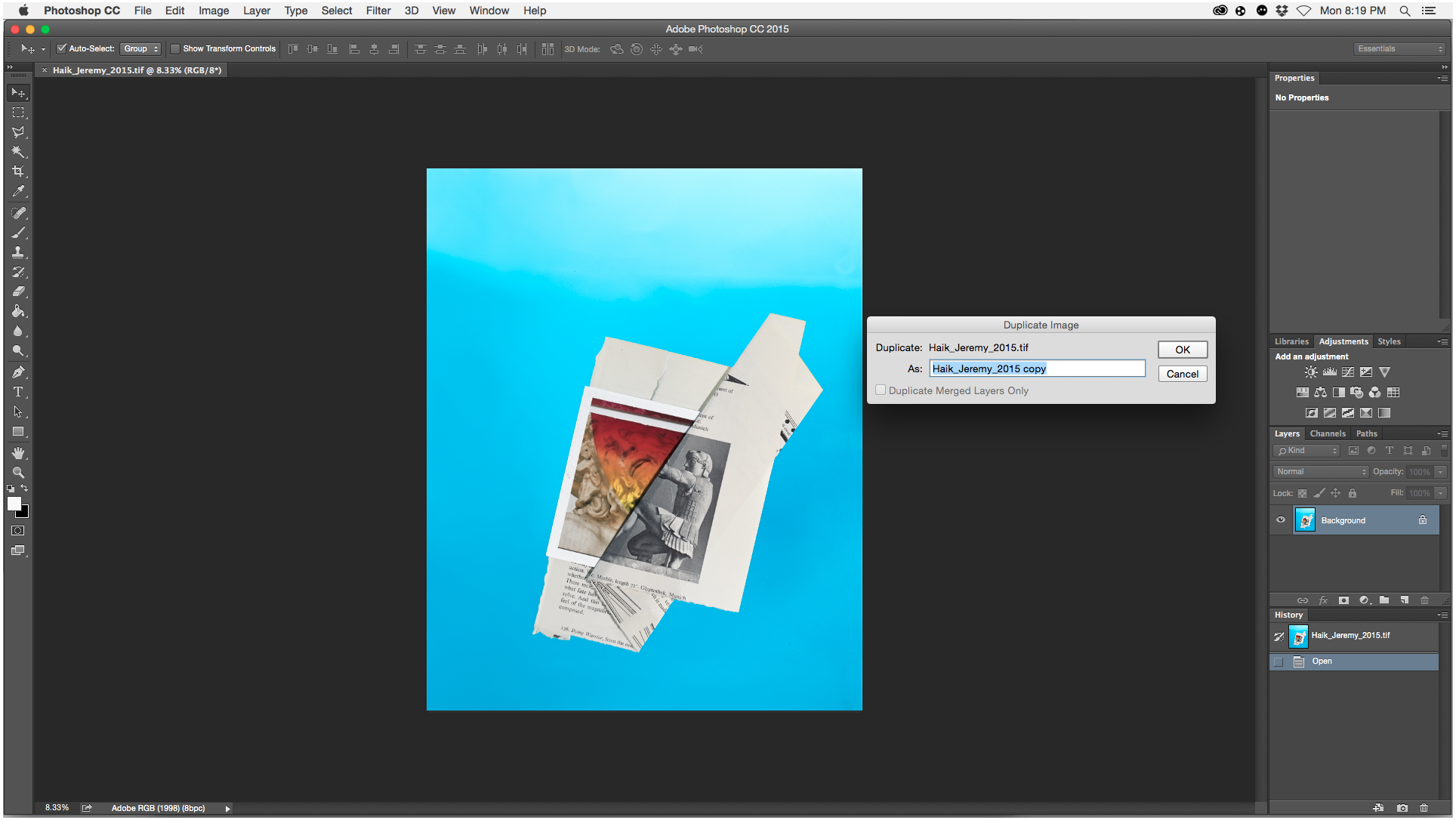
Conveyor Arts

How to Soft Proof and Convert Photographs from RGB > CMYK

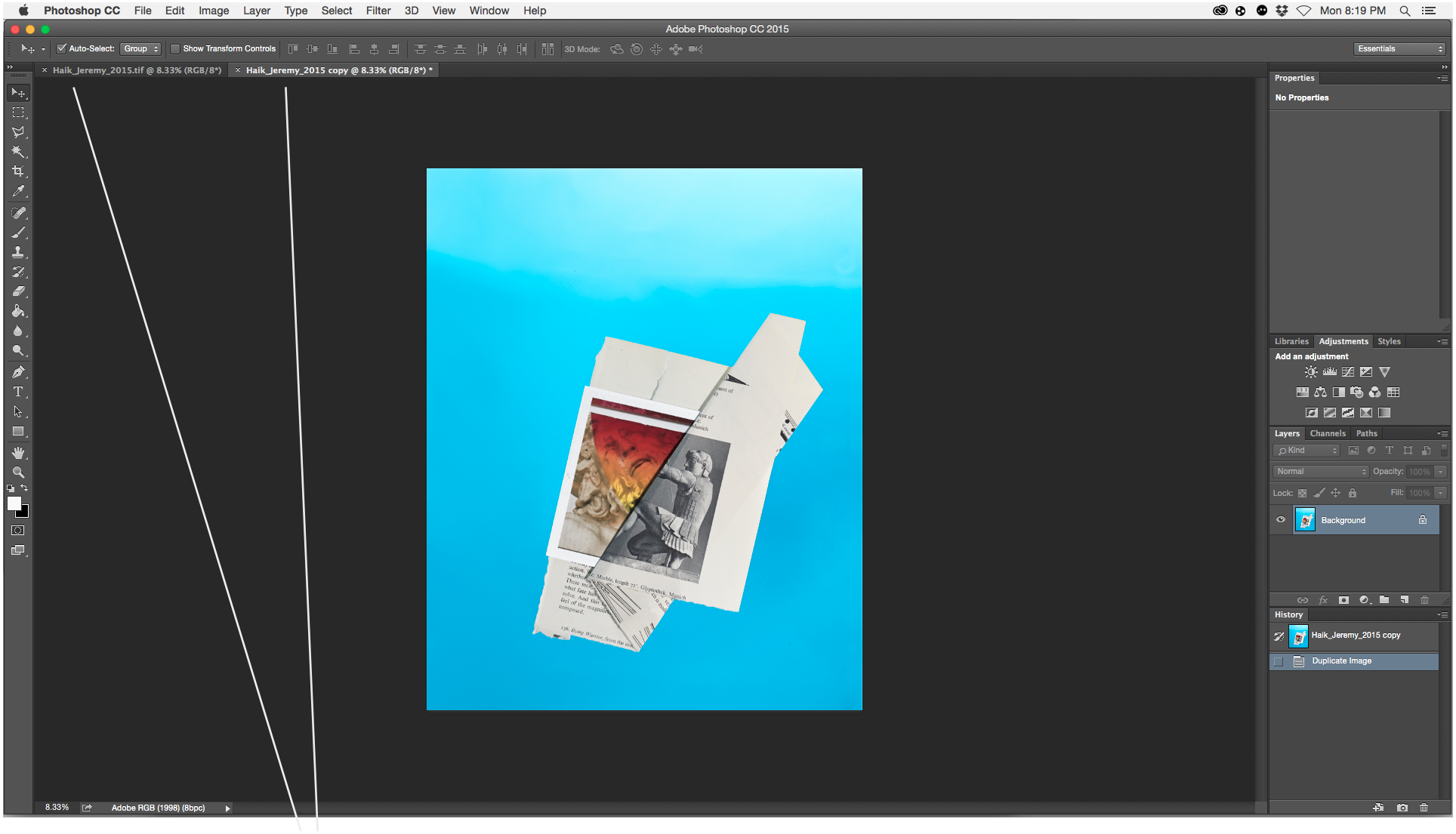
The following instructions are highly recommended before sending your book to proof and print with Conveyor Arts.

Follow these instructions carefully to avoid mistakes in the final printed book and to keep the production of your project on schedule.



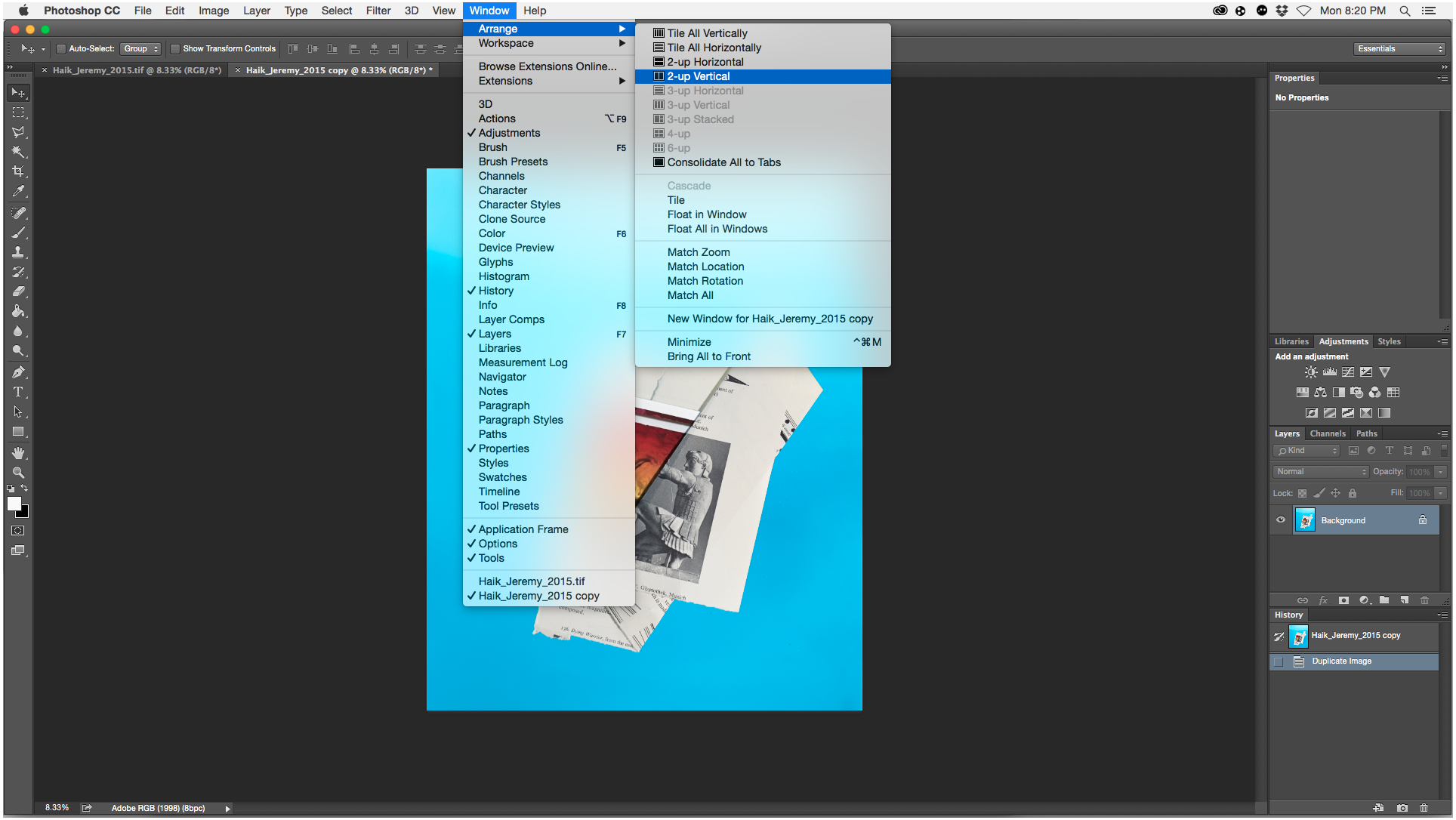
Launch Photoshop
Open File to be Converted
Image > Duplicate
Click OK

Note: The Duplicate image file should have the word “copy” after the name.

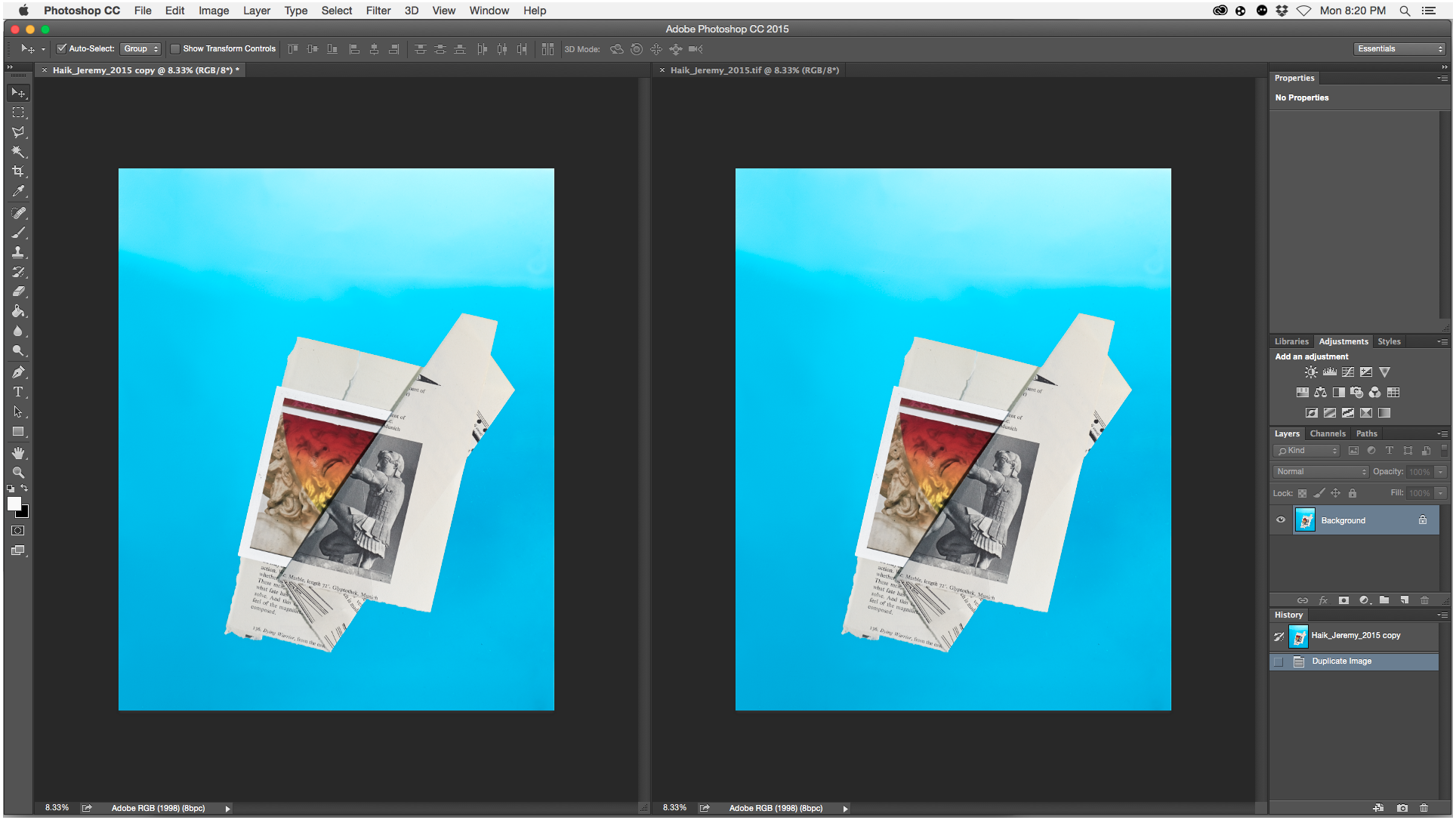


Duplicate Image

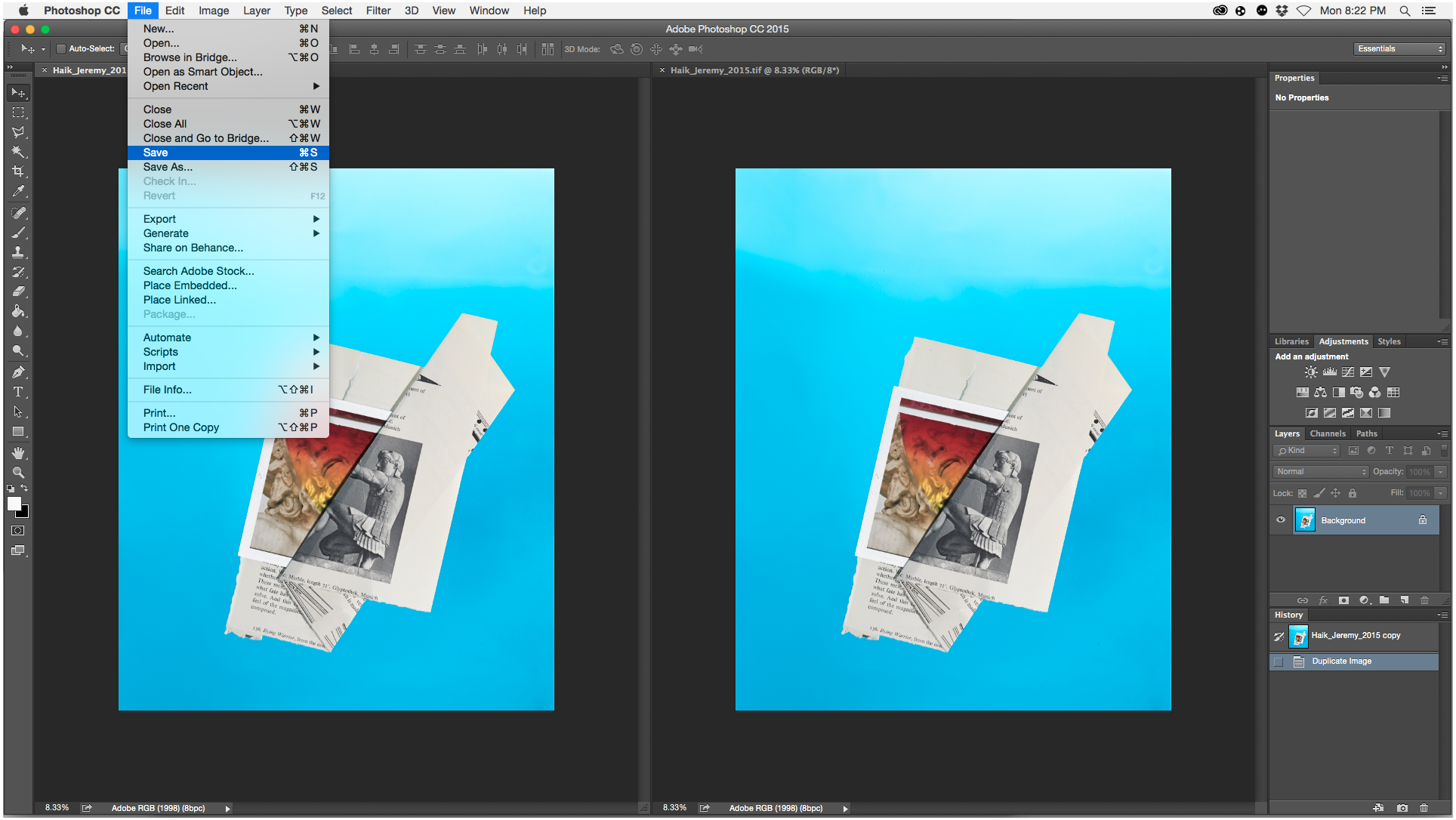
You will now have two images open in Photoshop. The active image will be shown with a lighter grey tab above.



Window > Arrange > 2-up Vertical

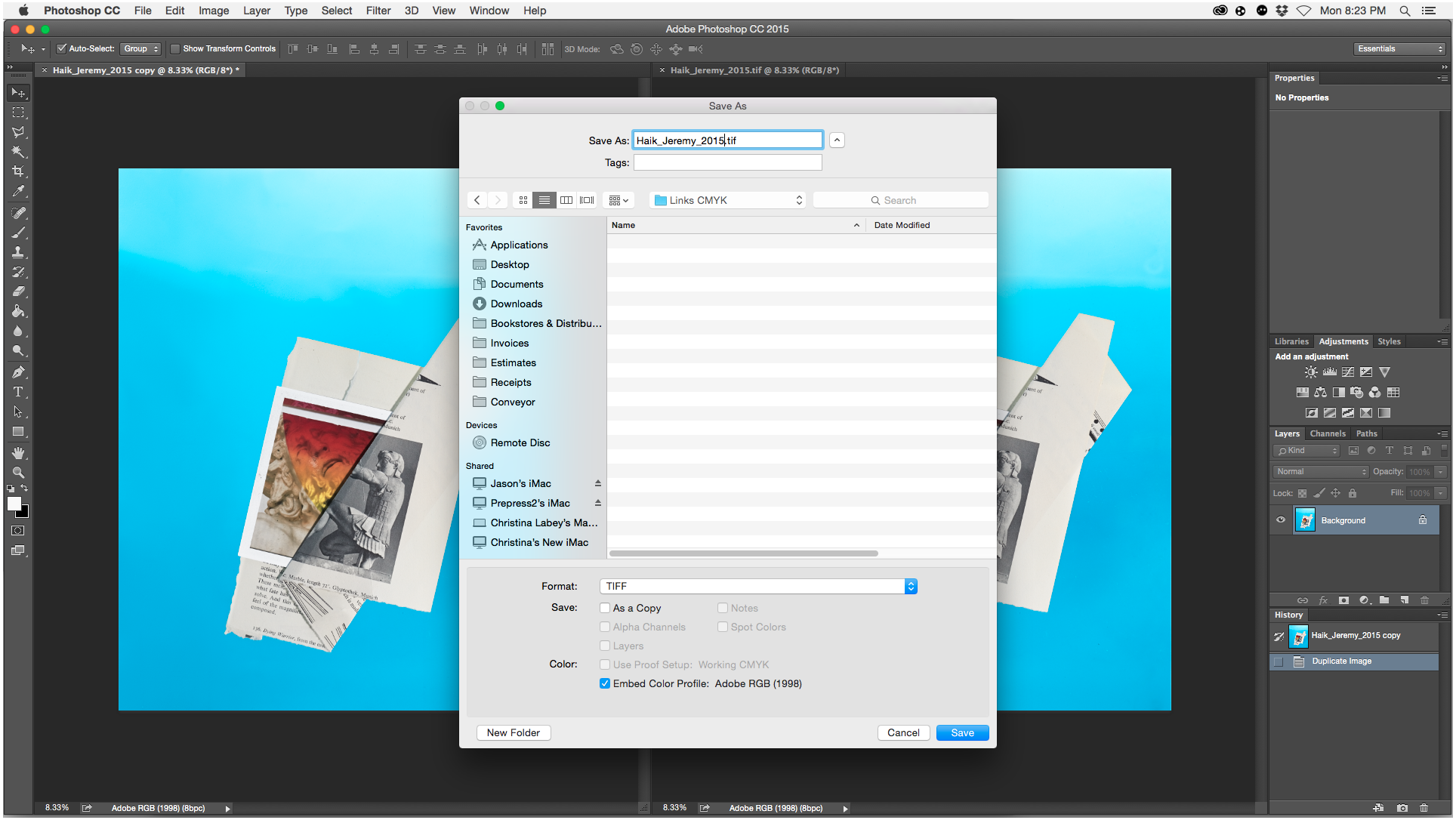


The duplicated file should appear on the left of the screen.
The original file on the right.



File > Save (Shortcut: Command + S)

This is a good point to save your image, and name it in an organized manner for your Packaged InDesign Folder.

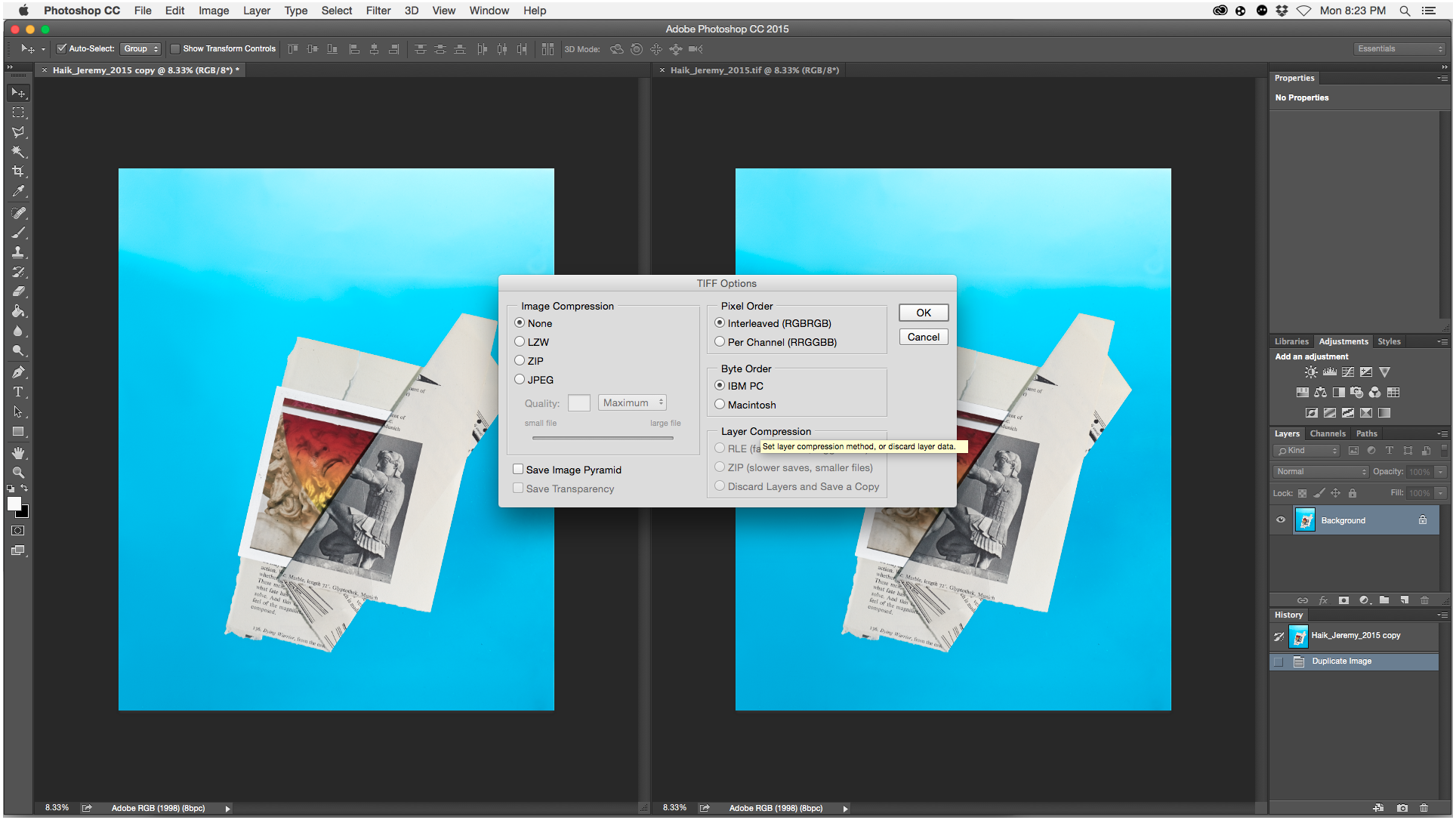


File > Save (Shortcut: Command + S)

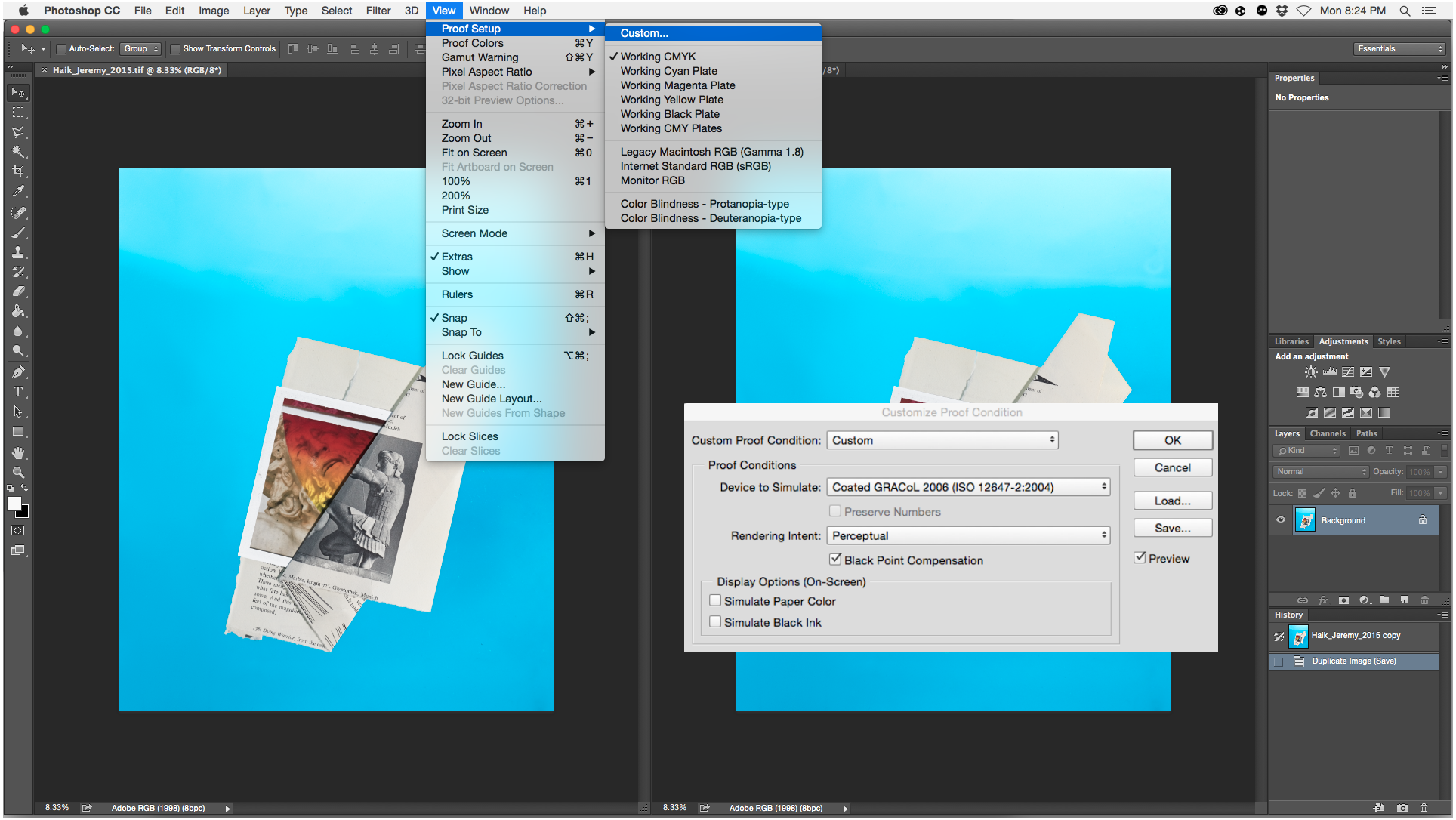
A save as dialogue will appear.
Navigate to your Packaged InDesign Folder.

File > New Folder

Title this folder “Links CMYK” Create a new folder in your INDD packaged folder called Links CMYK. Remove the word “copy” from the end of the file name. Save image in the new Links CMYK folder.



Recommended Tiff Settings



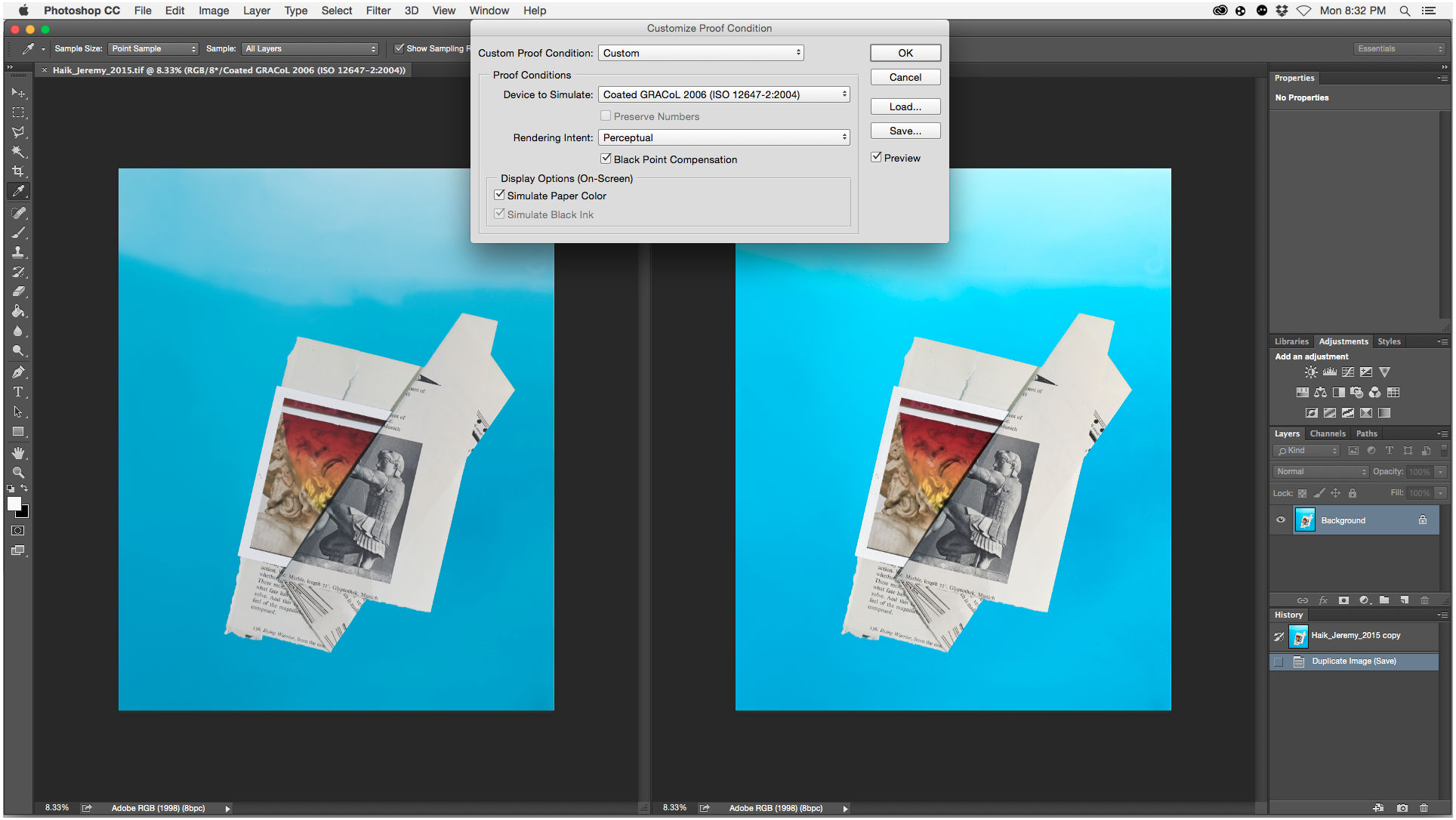
View > Proof Setup > Custom...

This will bring up the Custom Proof Conditions window.

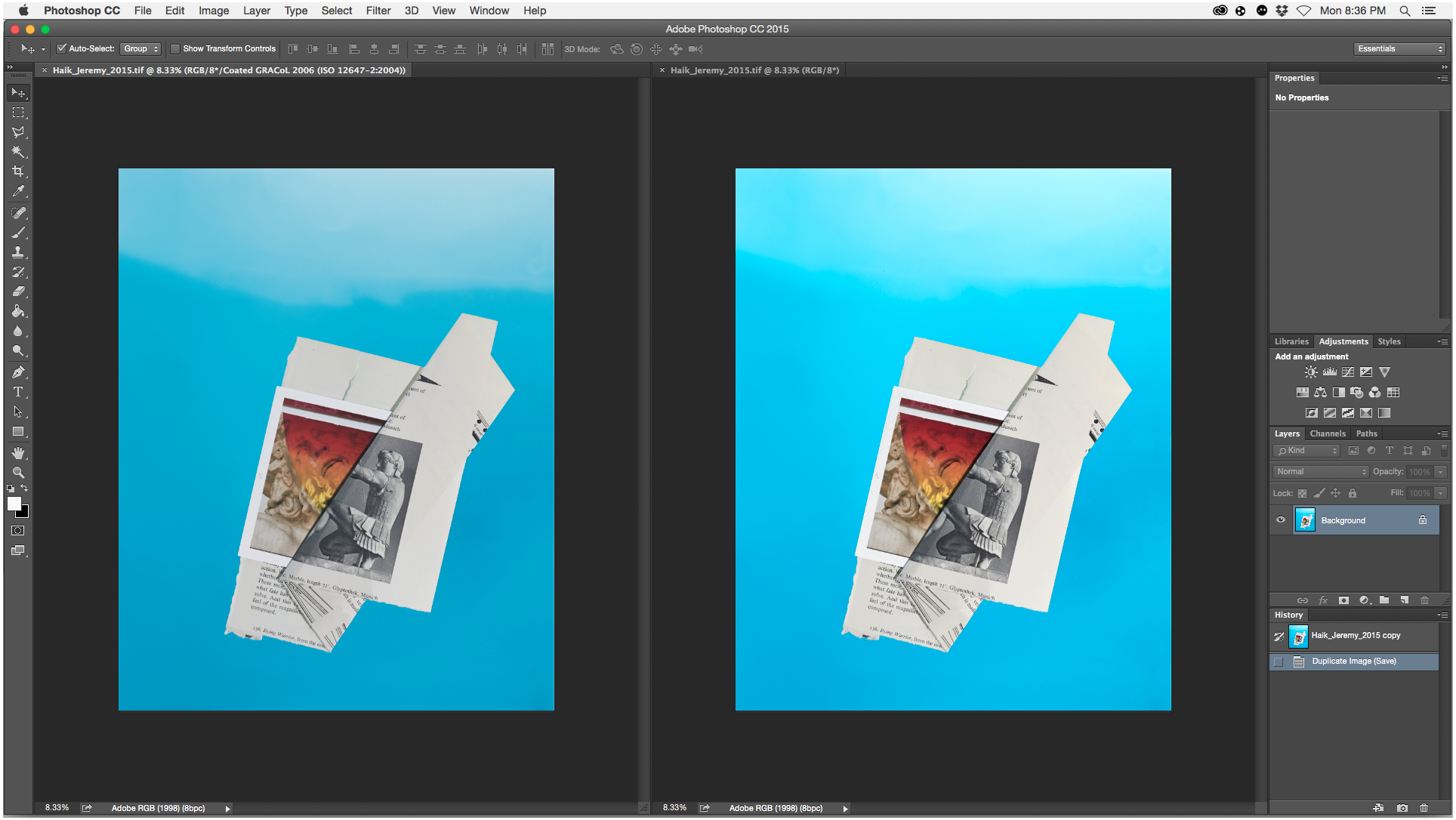
Note: Make sure the image on the left hand side is active in Photoshop (tab will be light grey when active) by clicking anywhere on the image with the selection tool.

Custom Proof Conditions

Device to Simulate: Coated GRACoL 2006 (ISO 12647-2:2004)
Preserve Numbers: Uncheck
Rendering Intent: Perceptual
Display Options: Leave Both Unchecked
Click OK.



Simulate Paper Color

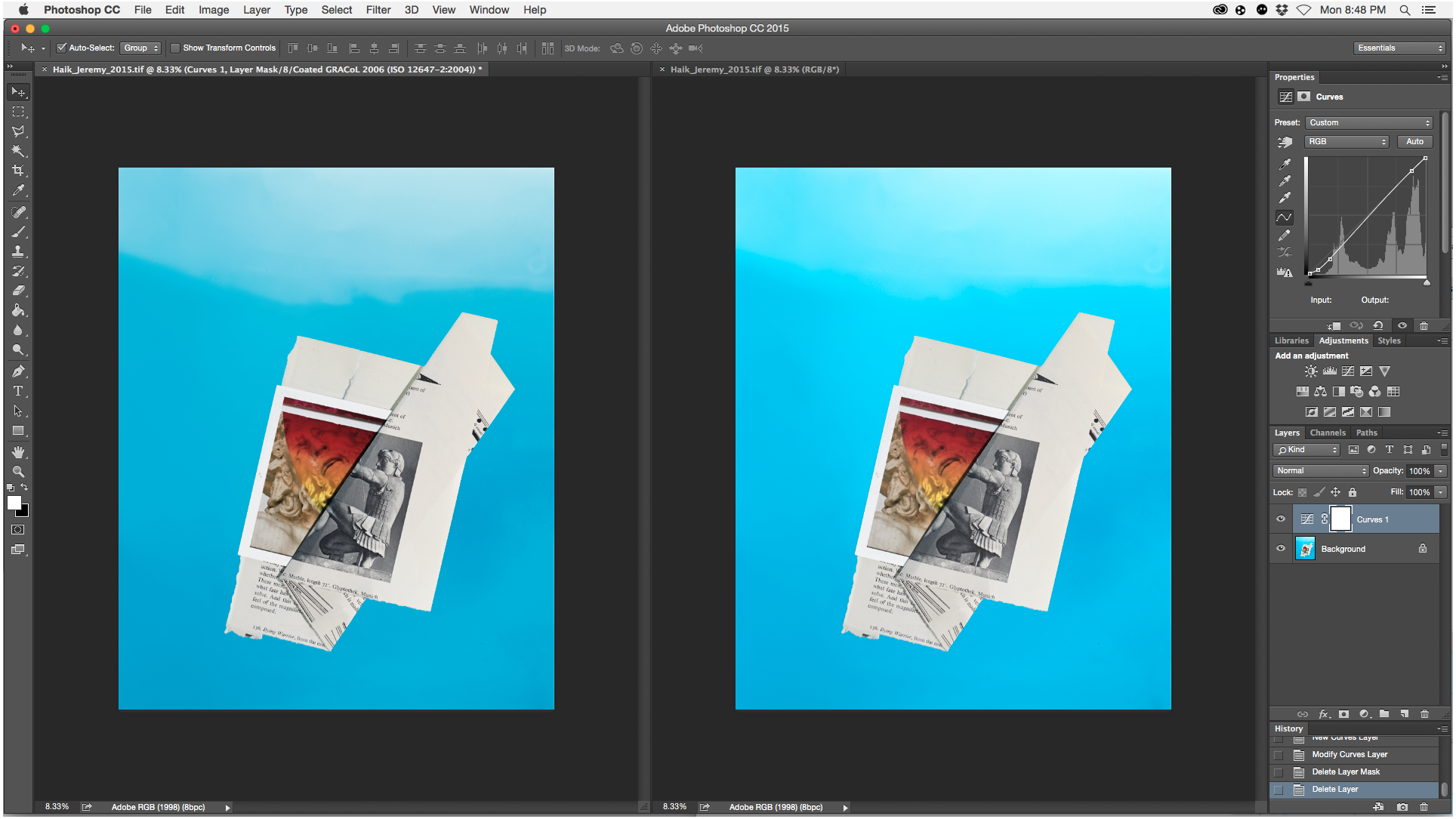


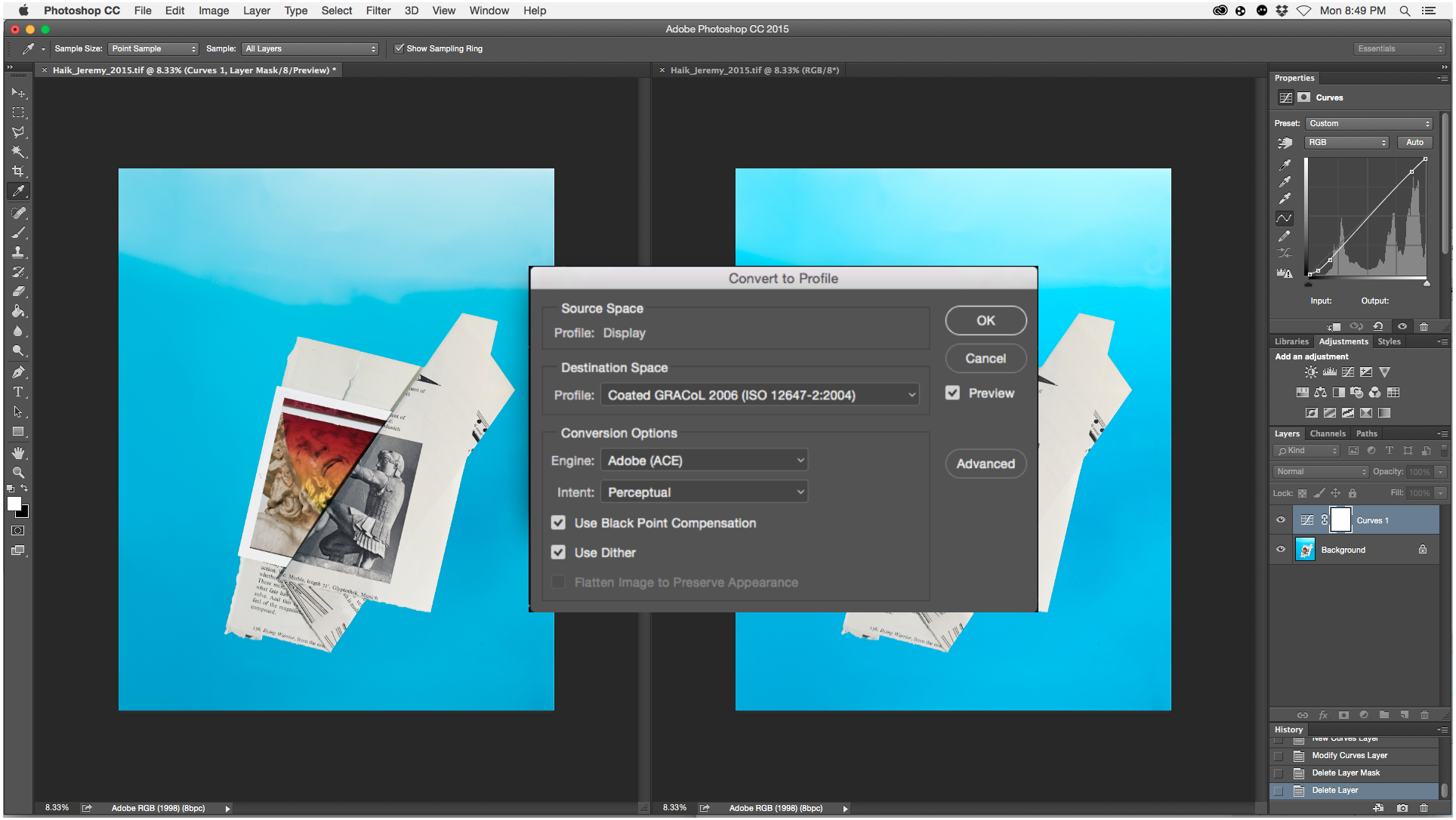
Compare Images aka Soft Proof your Images

Now one image is in CMYK and one in RGB. Use Command + Y to turn the proof colors on and off. When Proof Colors is enabled the name of the "device to simulate" appears next to the title at the top of the image. With Proof Colors enabled, compare the image on the left to the original image still onscreen to the right.

If there is a noticeable shift in color or tonality, now is the time to make changes (before the final CMYK conversion). The file is still in RGB (it's only simulating CMYK) which is good, because you always want to make image adjustments while in RGB!

Use your Photoshop skills (or hire a retoucher or the prepress crew at Conveyor Arts) to match the original file as close as possible!


Photoshop CC File Edit Image Layer Type Select Filter 3D View Window Help
Mon 8:48 PM
Adobe Photoshop CC 2015
Auto-Select: Group
Show Transform Controls
3D Mode:
Essentials
Haik_Jeremy_2015.tif @ 8.33% (Curves 1, Layer Mask/8/Coated GRACoL 2006 (ISO 12647-2:2004)) *
Haik_Jeremy_2015.tif @ 8.33% (RGB/8*)
Properties
Curves
Preset: Custom
RGB
Auto
Input:
Output:
Libraries
Adjustments
Styles
Add an adjustment
Layers
Channels
Paths
Kind
Normal
Opacity: 100%
Lock:
Fill: 100%
Curves 1
Background
History
Modify Curves Layer
Delete Layer Mask
Delete Layer
8.33%
Adobe RGB (1998) (8bpc)
8.33%
Adobe RGB (1998) (8bpc)



Convert to Profile

Once you are satisfied that the two images match closely (keep in mind that that they may never match perfectly). Follow these steps:

Edit > Convert to Profile

Convert to Profile Menu Settings

Destination Space: Coated GRACoL 2006 (ISO 12647-2:2004)
Engine: Adobe ACE
Intent: Perceptual
Use Black Point Compensation: Check
Use Dither: Check