

RGB_Channels2Layers/Layers2RGB_Channels

for Photoshop by RONC©2018
Version 1 24Jun2018 (E-MAIL)


PHOTOSHOP SCRIPTS by RONC

RGB_Channels 2 Layers / Layers 2 RGB_Channels - a pair of Photoshop scripts whose action is to separate the channels of one layer and make that into three layers in the output. The second of the pair does the inverse process of taking three layers and combining into a single RGB layer for output.

INPUT IMAGE

Input file must be RGB type and can be 8, 16, or 32 bits per color channel. The intermediate output is an RGB file with three layers representing Red, Green, and Blue. The final output is an RGB type with the previous layers combined to form one RGB image.

USAGE PARAMETERS



RGB input layer

RGB_Channels2Layers_for_Photoshop_by_RONC©2018
Version: 1.03.05 - 29Jun2018




RGB_Channels2LAYERS - See Abstract and Copyright information in the HELP file:
RGB_Channels2LAYERS-HELP_1.03.05.pdf

Channel Fill type :

Primary channel only
Primary channel only
RGB channels filled by primary

(The ESC key cancels execution of the script while running in Photoshop.)

RGB_Channels2Layers-Dialog



RED / GREEN / BLUE layers

Layers2RGB_Channels_for_Photoshop_by_RONC©2018
Version: 1.03.05 - 29Jun2018


LAYER2RGB_Channels - See Abstract and Copyright information in the HELP file:
Layers2RGB_Channels-HELP_1.03.05.pdf

Layer for RED: Layer for GREEN: Layer for BLUE:


RED GREEN BLUE

OK Cancel Help


(The ESC key cancels execution of the script while running in Photoshop.)




BLUE



GREEN




RED



Background

Layers2RGB_Channels-Dialog



RGB output layer

PROCESS

RGB_Channels2Layers has one parameter - Channel Fill type. Primary channel only - only the color channel is filled while the other two are zeroed. RGB channels filled by primary channel - all color channels are filled with the primary channel. Layers2RGB_Channels has three parameters RED, GREEN, BLUE. Each of these should be filled with the layer to be associated to that channel color.

OK/CANCEL/HELP

OK - Start script execution using parameters set in the above fields.

CANCEL - Cancel the use of the script before running and return to Photoshop. The ESC key cancels execution of the script while running in Photoshop.

HELP - Open the PDF help file.

INSTALLATION/REMOVAL

This script should work on Photoshop versions CS6 and CC onwards and for both Windows and MAC.
Might also work with Photoshop Elements. Someone should try it. Please.

The Script filenames are RGBChannels2Layers.jsxbin and Layers2RGBChannels.jsxbin and will be loaded to a folder with mostly *.jsx files.
The Help filename is RGBChannels2Layers/Layers2RGBChannels-HELP.pdf and should be placed in the same folder as the Script file.

MAC OS X foldername: PSCC 2018: Users/[username]/Library/Preferences/Adobe Photoshop CC 2018 Settings	WINDOWS 10 foldername: PSCC 2018: C:\Program Files\Adobe\Adobe Photoshop CC 2018\Presets\Script
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