



IWLTBAP LUT Generator

<http://generator.iwltbap.com>

What is a LUT and a HALD?

A Look-Up Table (LUT) is a file containing math instructions to replace a color by another one. This process is done pixel by pixel, that gives a very high accuracy.

A HALD is a 3D LUT converted into 2D image as JPG or PNG file.

The HALD is a pattern containing all color values (pixels) for a specific size of grid.

Bigger is the grid, better color accuracy is the output generated LUT.

How it works?

The process is very simple. You click on **Generate a HALD** button to generate a PNG HALD. You open this PNG into your favorite photo editing application and apply a color correction on the PNG HALD. Then you save it as PNG without compression (or in JPG 100% quality).

Finally, you click **Convert to CUBE** and select the modified PNG you just saved.

The algorithm will interpret the differences that there are between each pixel of the original HALD and the HALD modified by you.

A 3D LUT as .CUBE format will be generated (25x25x25 or 64x64x64, choose in Preferences).

Example of use :

- Convert Lightroom presets for video purpose
- Use the power of Adobe Camera Raw on video
- Create a LUT based on Photoshop color correction
- Apply third-party app effects on video
- Create your own «LOG to Rec.709» LUTs
- and so many other possibilities of uses...

Keyboard shortcuts :

- Cmd + G : Open the internal quick guide.
- Cmd + , : Open Preferences window.

Important note: A Look-Up Table (LUT) can only affect colors, contrast, brightness, gamma, etc. So you can't add grain, noise reduction, vignetting, sharpen or any other dynamic effects. If you apply this kind of elements on the PNG HALD, the output LUT may be corrupted!

Video tutorials

Convert Lightroom presets for video purpose: <https://vimeo.com/171039282>

Use the power of Adobe Camera Raw on video: <https://vimeo.com/171039283>

Apply third-party app effects on video: <https://vimeo.com/171036582>

Create your own « LOG to Rec.709 » LUTs: <https://vimeo.com/171083753>

Create a LUT to match colors between two different cameras: <https://vimeo.com/172453556>

System requirements

LUT Generator is compatible with Mac OS X (≥ 10.7) and Microsoft Windows 7 and later.
ZIP is 50MB, 115MB uncompressed.

Official webpage : <https://generator.iwltbap.com>

Support

If you have some questions or any troubles, please contact me.
I will reply you within 6h (max 12h) :)

Email : contact@iwltbap.com

Pack of 99+ unique cinematic LUTs

Feel free to give a check to the full pack of LUTs for interesting cine looks.

This pack contains LUTs as .CUBE files (size 33x33x33), and a quick PDF guide.
In total there are more than 690 LUTs in the pack (standard, LOG, V-Log, tints and utility LUTs). Regularly I update this pack with new looks (free updates).

- 200 unique and powerful LUTs
- 15 tints LUTs combinable with looks
- LUTs previewer app for Mac/PC and online
- LUTs DeLOG online web app
- Profiled on high-resolution color matrix
- For standard image profiles, LOG and V-Log
- .LOOK files for Premiere Pro CC 2015 Lumetri
- .VLT files to load the LUTs in Panasonic cameras (GH5, etc)
- 50+ specific LUTs to convert LOG to Rec.709
- Skin tones preserved
- Lifetime free updates
- Instant delivery by email

Discover the pack