



Perfect White Balance Indicator LUT

Introduction:

This LUT helps to white balance the shot and get the correct whites and blacks and an overall color balance. It indicates Yellow, Blue, Green and Magenta colours and their blend in an image. If an image includes white reference point like clothes, background elements or any other objects that will highly help to improve Your white balance using this LUT. If there are no white reference in an image it also help to balance an image, in this case making suggestions to twick the colours and get better colours spread and blend on an overall image and balancing amount of different colours on the scopes of DaVinci Resolve, Final Cut Pro or Adobe Premiere.

Balance of an image is the step that should be done before any creative look.

This LUT works in any software like Davinci Resolve, Adobe Premiere, Final Cut Pro, Photoshop and so on.

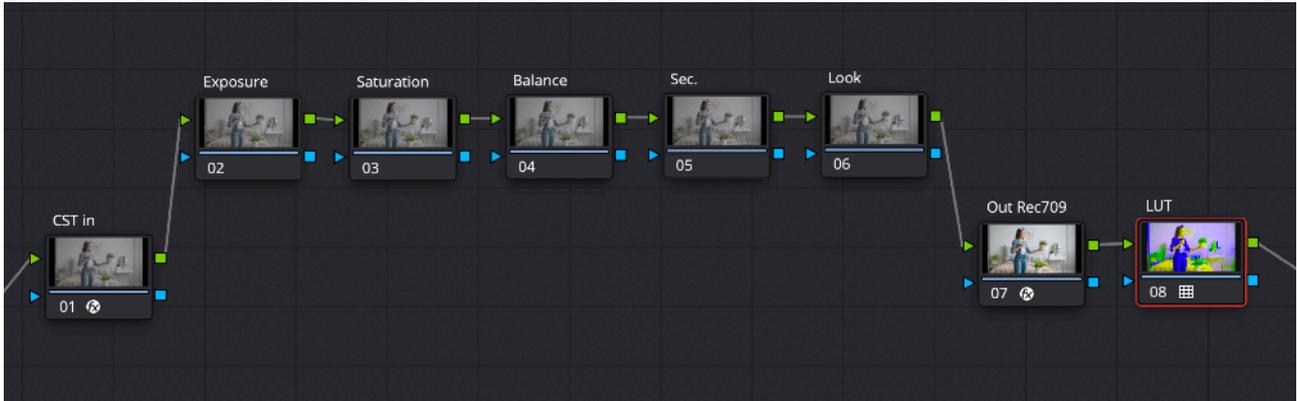
How to use it:

Using it in Davinci Resolve: apply this LUT as the last node after Rec709 conversion and make all the adjustment before this LUT.

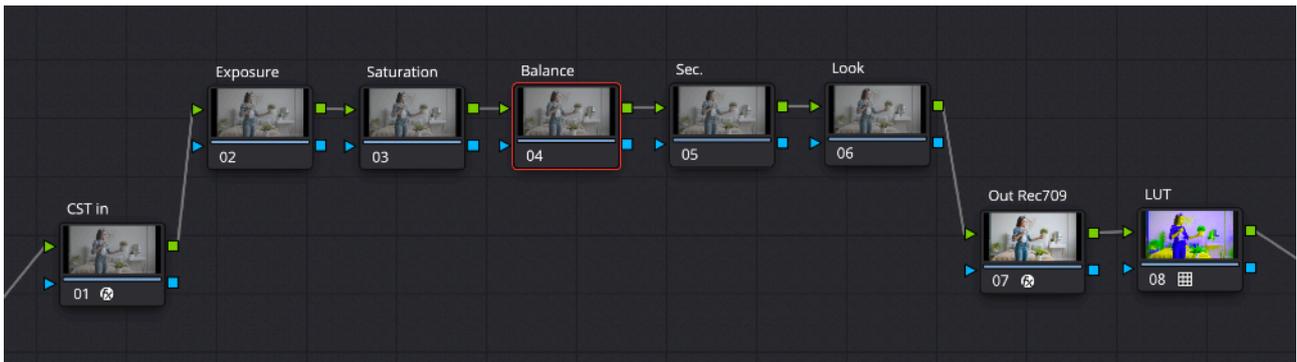
Using it in Adobe Premiere and Final Cut Pro: apply this LUT as the adjustment layer above Your clip and make all the adjustment in the clip below this LUT.

Using it in Photoshop: apply it as the last top layer using Color Lookup tool and make adjustments in color balance before/below LUT layer.

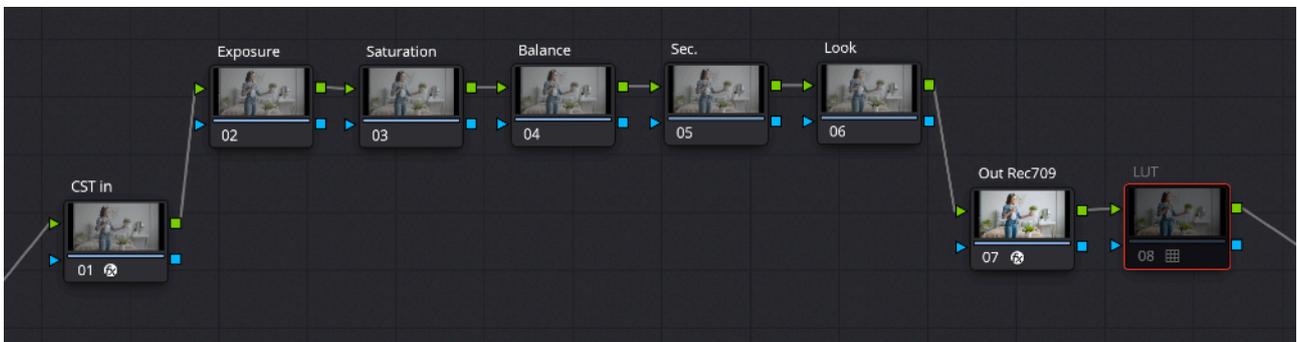
1. LUT location in DaVinci Resolve



2. Make all balance adjustment before this LUT



3. After all of the adjustments disable or delete this LUT



Same rules works in the other softwares, after all of the adjustments disable or delete this LUT.

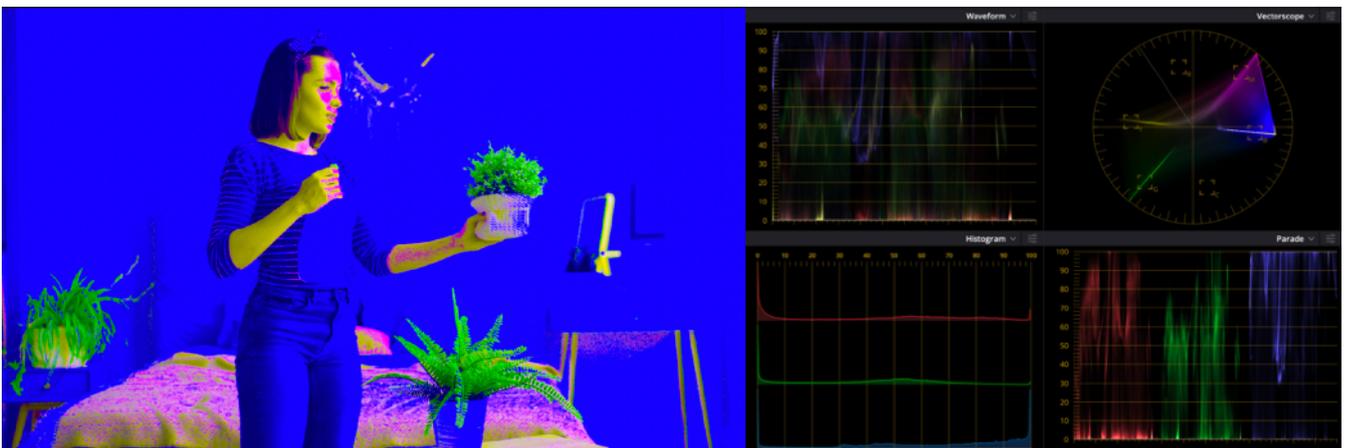
Examples:

Let me show You some examples using it on a real shots.

1. An image before balancing, we have the white reference background.

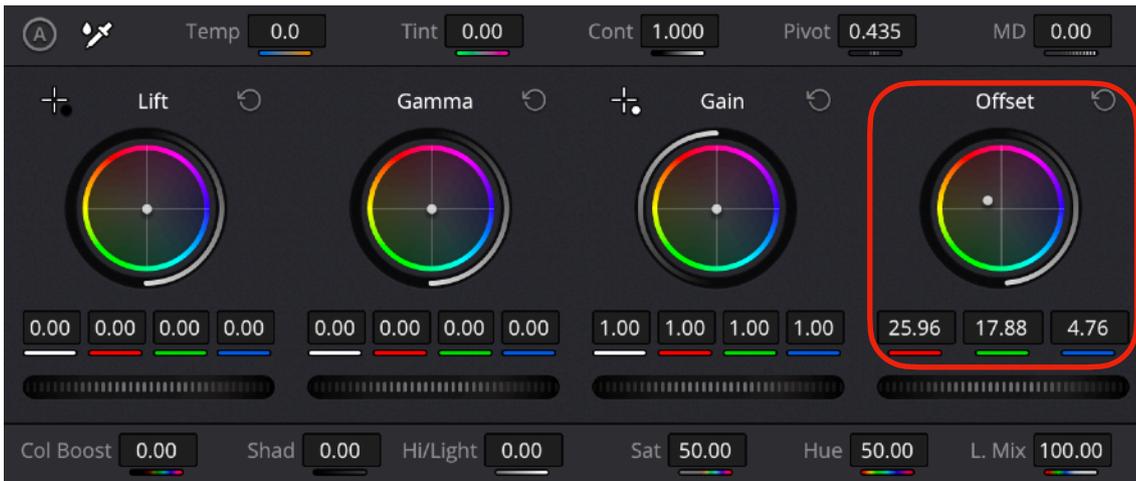


2. An image with the LUT applied

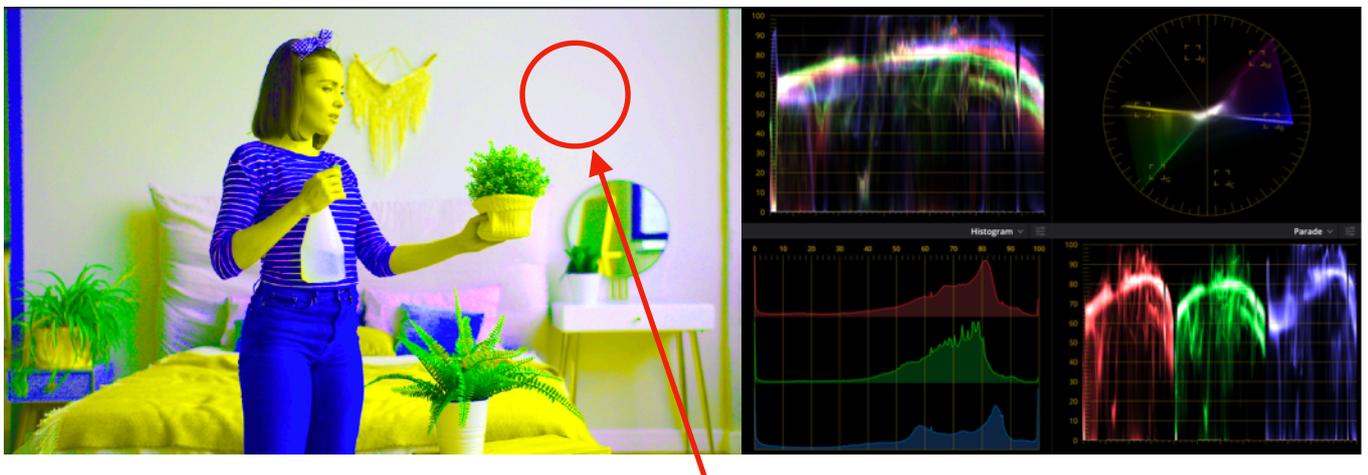


We see that the white reference background is blue, that means that an image is pushed to the cooler blue side, so we have to warm it up by reducing the blue channel in our Primary Offset Wheel and also adding some Red if needed.

3. Making an Offset adjustments.



4. An image with the LUT after an Offset adjustments.



The main wall became almost white and desaturated. Take a look on the Vectorscope, how all the colours connects in the centre and creates perfect spread and blend on overall image

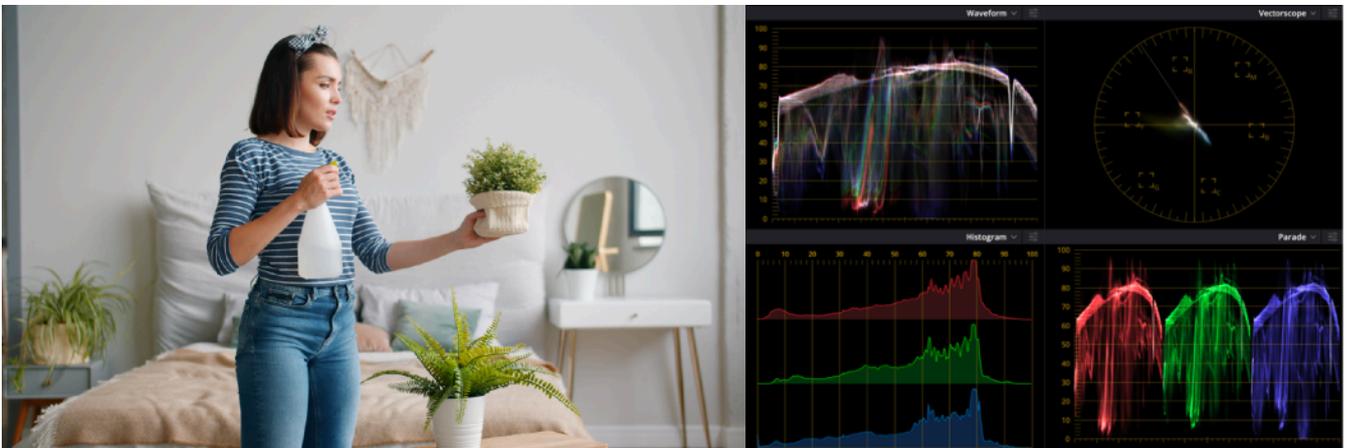
5. Let's turn off the LUT. This is our final, perfectly balanced image.



Once again, this is an image before Offset adjustments

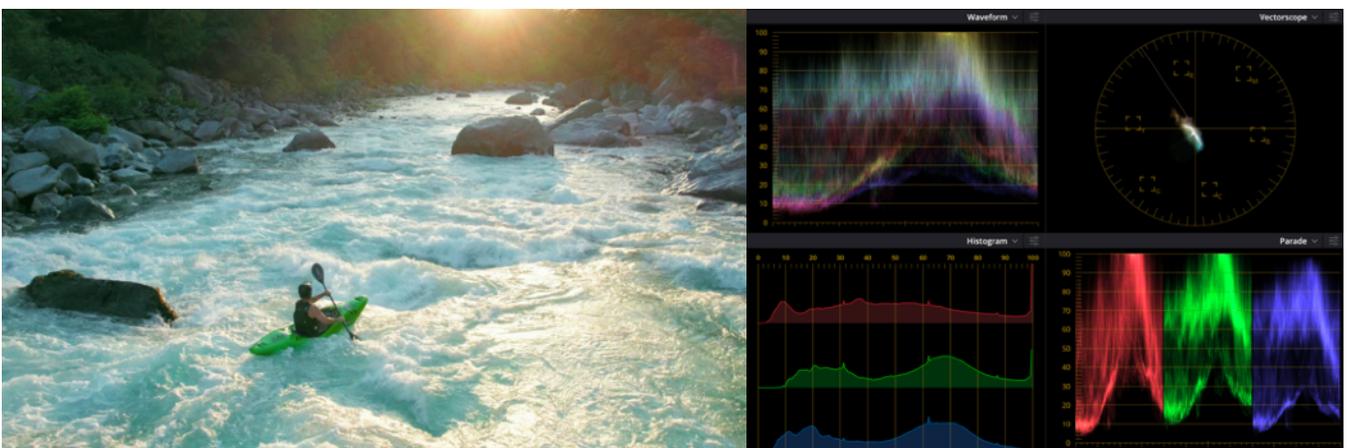


And this is our final, perfectly balanced image using LUT

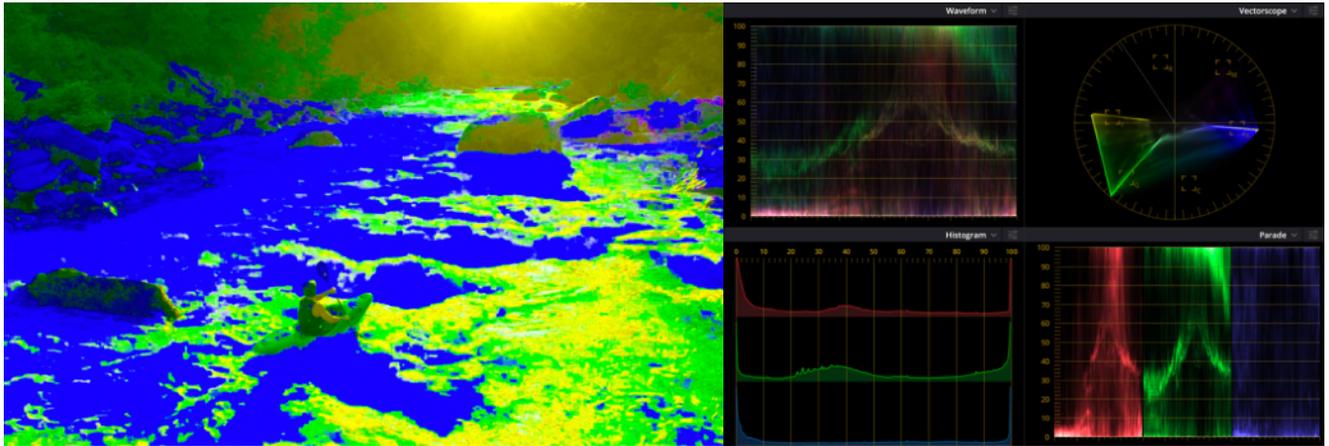


Let me show You one more example of an image without clear white point reference.

1. An image before balancing



2. An image with the LUT applied.

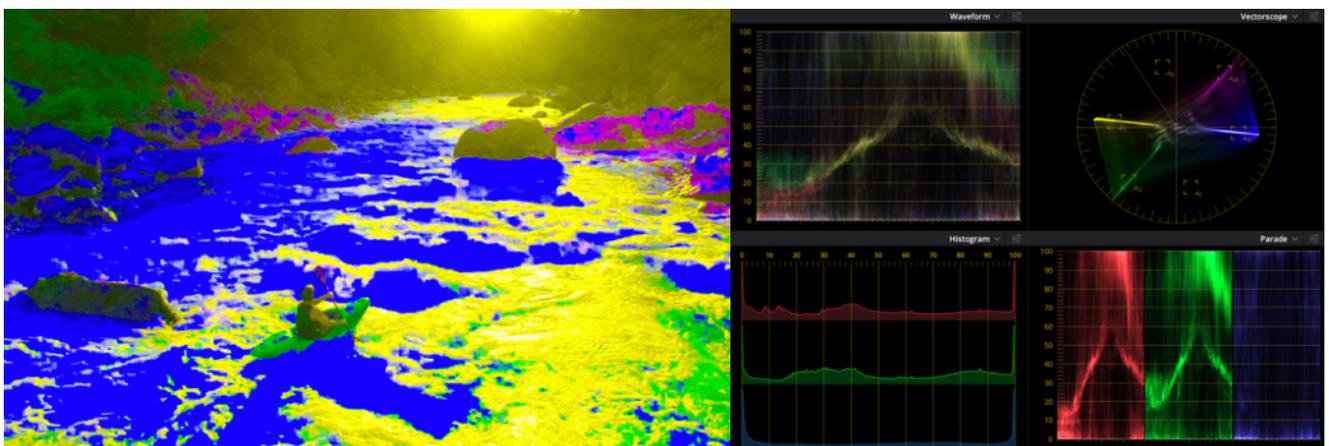


We can see in the Vectorscope that this image is pushed mostly to the green and blue colours, they are dominant. We are strongly missing magenta and also a bit of yellow colours. To balance an image we should reduce our green channel in an Offset to introduce magenta and also a bit down with the blue color to add more yellow.

3. Making an Offset adjustments.

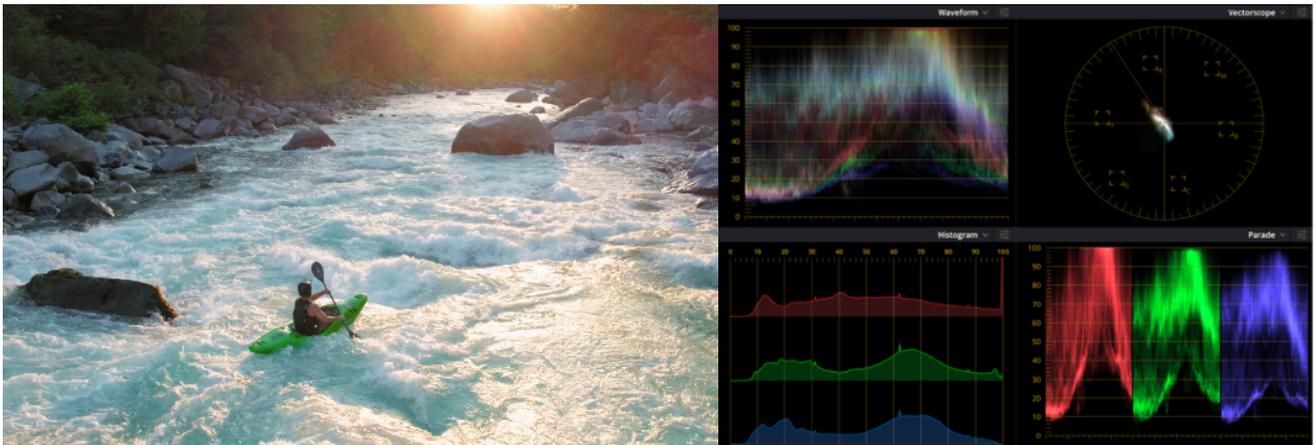


4. An image with the LUT after an Offset adjustments.



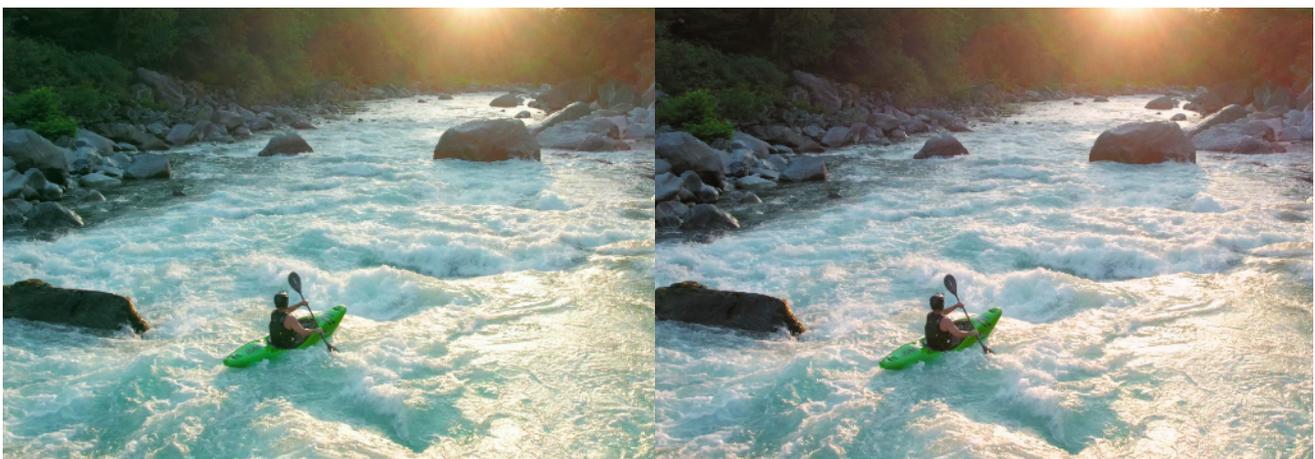
Take a look on the Vectorscope, how colour channels became balanced.

5. Let's turn off the LUT. This is our final, perfectly balanced image.



Before

After



When we have the balanced image, we can start creating custom look.

Conclusion:

Feel free to experiment with this LUT, check and maybe find the other ways to use it. It could be also used to create specific looks and see color separations in an images.

There is nothing wrong to play around with and check the results.

Thank You for choosing my products ❤️

Best regards,
Vladislav Novickij