



PerfX 3D Gamut Viewer

User Guide

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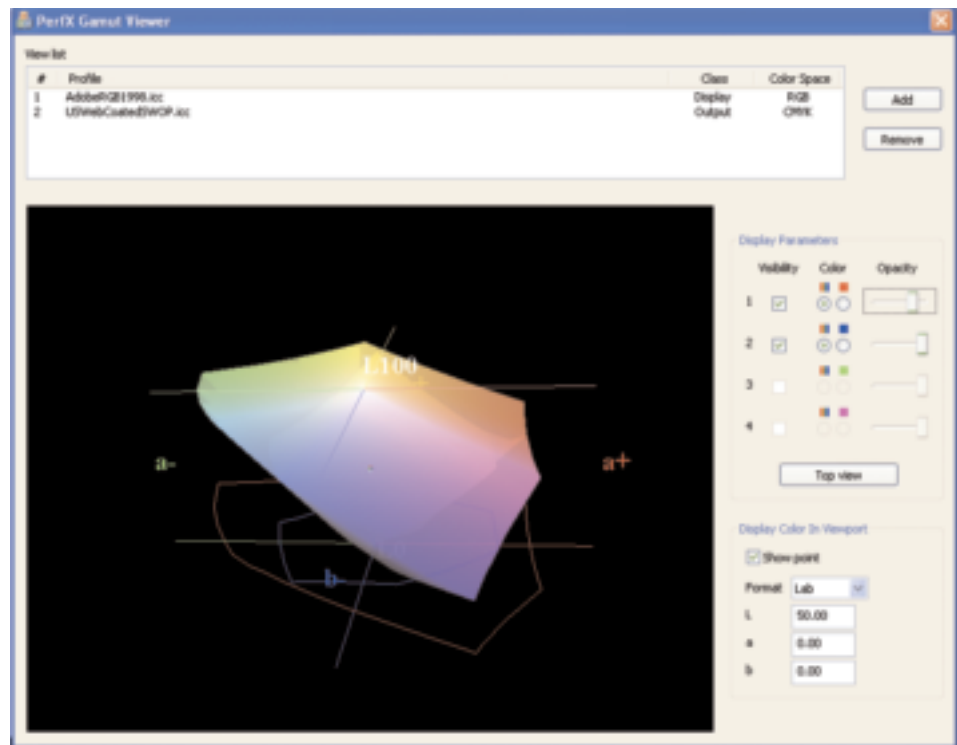
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Introduction

PerfX Gamut Viewer allows to visualize the 3D representation of ICC profile's gamut shape. The 3D gamut visualization is useful to validate the uniformity and limits of the ICC profile. The software also allows to visualize many (max 4) gamut at the same time. This way, it is possible to compare different color spaces against each other.

Using the software



PerfX Gamut Viewer's window

Adding an ICC profile

To add an ICC profile to the list, click on the “Add” button. The ICC profile will be automatically rendered in 3D. It is possible to add up to 4 profiles in the list.

Removing an ICC profile

To remove an ICC profile from the list, click on the “Remove” button. The ICC profile will be automatically removed.

Changing the color of the 3D gamut preview

To change the color appearance of the 3D gamut, select one of the two radio button under “Color”. The radio button on the left, renders the gamut in full color. The radio button on the right, renders the gamut in monochrome.

Changing the opacity of the 3D gamut preview

To change the opacity of the 3D gamut preview, drag the “Opacity” cursor aside of the desired ICC profile’s gamut.

Deactivating the 3D gamut view

To deactivate the preview of a 3D gamut, uncheck the “Visibility” checkbox aside of the desired ICC profile’s gamut.

2D gamut preview

To get a quick 2D gamut view, click on the “Top View” button.

Zooming in and out the preview

To zoom the 3D gamut preview, hold the “Shift” key, then click and drag vertically in the 3D preview window. Drag up to zoom in, and drag down to zoom out.

Viewing a Lab or LCH color value

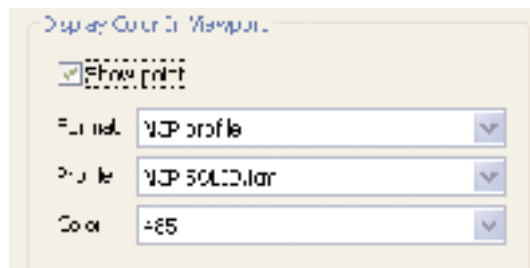
To plot a Lab or Lch color value in the 3D gamut preview, enter the desired value in the L , a and b text fields (or LCH), and select the “Show Point” checkbox.

Viewing a color value from an NCP profile

To plot a color from an NCP (Named Color Profile), select the “NCP” mode from the “Format” submenu.

Then, select the desired NCP profile from the “Profile” submenu. The list of all named colors will be listed in the “Color” submenu.

Select the desired color to plot.



NCP profile setup window