Adjusting the device profile selected color

You can adjust a selected color from an image in the Image Preview window and use the Cast and Lightness adjustment tools to apply the changes to the source side of the ICC profile.

You can adjust the profile at a selected color. A scenario where you would use this would be when certain input color builds have a degree of lightness or color inaccuracy that requires adjustments to another CIELAB value. For example, a brand color that is not mapped correctly and has little impact on the surrounding colors.

You can fine-tune and adjust the selected color by restricting the ranges of Lightness, Chroma, and Hue with the Adjustment Range sliders.

1. When you adjusting the simulation or conversion DeviceLink, in the **DeviceLink** tab, click **Selected Color**.
2. Do the following:
   - To enter the color input coordinates that you want to adjust, in the **DeviceLink Tints** section, enter the **C**, **M**, **Y**, and **K** values in the **In** column.
   - To select a color from an image:
     a. Click **Preview** or **Select Color**.
     b. Select the image file and click **Open**.
     c. In the **Image Preview** dialog box, click the **+** icon to enable the Colorimeter.
     d. Place the Colorimeter at the place you want to adjust.
     e. In the **DeviceLink** tab, click **Select Color**.

   The entered or selected color appears in the color patch.

   The **Selected Color L*** text box shows the selected color lightness value.

   The **Selected Color C*** text box shows the selected color chroma value.

   The **Selected Color h*** text box shows the selected color hue angle.
3. You can adjust the lightness range, chroma range, hue range, and color extent:
   - To adjust the color extent, enter a value or move the slider in the **Color Extent** control

   - To adjust the lightness range, move the range sliders in the **Lightness Range** control
   - To adjust the chroma range, select the **Advanced Ranges** check box, and then move the range sliders in the **Chroma Range** control
   - To adjust the hue range, select the **Advanced Ranges** check box, and then move the range sliders in the **Hue** control
4. You can apply your adjustments to other tint values that have the same color as the selected color. For example, CMYK inputs (0, 30, 50, 20) and (12, 40, 60, 0) have the same darkened orange color. If you are adjusting selected color (0, 30, 50, 20), to apply your adjustments to input (12, 40, 60, 0) and all the other CMYK inputs that have this same darkened orange color, select the **Adjust all inputs with selected color appearance** check box.
5. The color patch displays the output color. If the displayed color does not visually align to the color on your proof or press sheet, you can adjust the displayed color in the color patch:
   a. Select the **Adjust Displayed Colors** check box.
   b. Use the lightness (L*) slider and the cast (a*b*) selector to change the displayed color to align to the color on your proof or press sheet. This color change does not affect any curves or color control elements. You are only adjusting the displayed color of the patches.
   c. To reset the display to the default displayed color, click the **Reset** icon .
   d. When you achieve the correct color, clear the **Adjust Displayed Colors** check box.

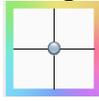6. The displayed color patch demonstrates the effect of your adjustments.

The color produced before your adjustment is shown on the left. Your adjustment is shown on the right.

   a. To display the color patch in a larger view for easier color comparison, click anywhere in the color patch.

   b. Adjust color cast, lightness, or both by the following:

- Use the lightness (L*) slider to make the color darker or lighter. You can also enter the **L*** value directly in the **Color Change** columns.

- Use the cast (a*b*) selector to adjust the color cast. You can also enter the **a***, **b*** values directly in the **Color Change** columns.

7. You can:
   - View the effect of your adjustments on an image before you apply your changes
   - Undo or redo your previous adjustments
8. To save your changes, click **Apply**.