Defining a conversion method for color input

After you have defined the simulation target for the PCO, you can define a conversion method for a color input. The conversion method defines how input date should be transformed to the color space of the PCO. The color input device conditions that you define in the color setup are available in your process templates in Prinergy. The conversion method – DeviceLinks or Profile Pairs – you defined are delivered to Prinergy for content conversion.

1. Click the **Conversion** icon ![icon] between the CI and the PCO.
2. In the **Input Version** box, if you don't want to use the default version name, enter a new name.
3. By default, graphics (text and linkwork) are treated same as images (pictures), if you want the text and linework of your input data have different settings with pictures, on the Graphic tab, clear the Graphic Conversion Same as Image Conversion check box.
4. In the **Conversion Method** section, do the following:
   - If your ColorFlow edition is not licensed to generate DeviceLinks, from the **DeviceLink Method** list, select **Imported** and then click **Import** to import a DeviceLink profile.
   - If your PCO profile is an imported 5-, 6- or 7-color separation profile generated by KSS or another application and you want to to maintain consistency with profile pair conversions selected in Prinergy without ColorFlow:
     i. Click the **Profile Pair** radio button.
     ii. The following table describes each rendering intent and their applications:

Rendering intent	Where to use for	Description
Perceptual	Photographs (scans and images)	Fits all colors in the source space into the destination space while preserving overall color relationships. This method is suitable for images that contain significant out-of-gamut colors (RGB to CMYK)
Saturation	Business graphics (charts and solid colors)	Converts saturated colors in the source to saturated colors in the destination. This method may not be suitable for preserving original colors in an image
Relative Colorimetric	Proof output where the destination gamut is larger than source gamut	Maps white in the source to white in the destination, reproducing all in-gamut colors and clipping out-of-gamut colors to the closest reproducible hue. This method preserves more of the original colors than the **Perceptual** method
Absolute Colorimetric	Proof output where the media white color of the source needs to be reproduced on the destination media	Maintains color accuracy and does not change any colors that fall inside the destination color gamut (including white)

   - To generate a DeviceLink profile by ColorFlow, click the **DeviceLink** radio button and configure DeviceLink settings.
     Limitation: You cannot generate a color input DeviceLink for a discontinuous flexographic PCO.
5. Click **OK**.