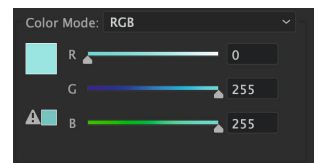# Creating print files for the CX86e

Color Mode

All print files should be in the **RGB** color space to get the best possible color result.

File Size

The smaller your file size is, the faster the CX86e will process and print your labels. Always make sure to keep the file size as small as possible without degrading the quality.

Creating Barcodes

To make sure that your barcode can be read by any standard scanner, we recommend that you create the barcode in cyan (**RGB 0, 255, 255**), and set the color setting of the printer driver to [Automatic] for printing.
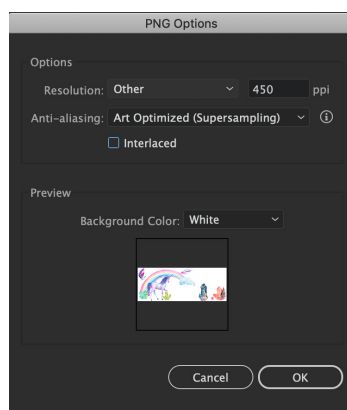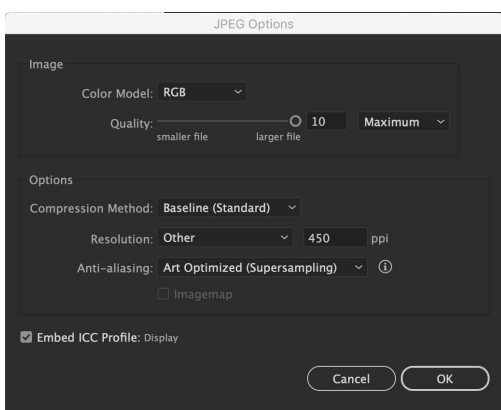

Resolution

The printer has a maximum print resolution of 1200x1200 dpi. We recommend to convert every elements into paths to get sharp text and graphics. If you want to use images on your label, make sure to prepare it in the highest quality as possible before implementing it to your label design.

Creating files using Adobe Illustrator

Always consider the above mentioned points in order to achieve the best printing result.

If you want to use an image file in your design, please follow the next steps to get the best result:

- Open the image in Illustrator.
- Save the image as an JPG or PNG and choose the highest quality as possible. The Color Mode should be set to RGB.
- To get a smooth image set Anti-alising to "Art Optimized (Supersampling)".

- Place the image in your label design.
- Export the file as a PDF file.