



ColorMix Spectrum Bars



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Summary

See the full spectrum of colors that can be achieved with any 2 filaments using this model!

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Tags: [cmyk](#) [fullspectrum](#) [colormix](#)

After I made my [ColorMix Swatches](#), I realized that some mixes looked the same from 50/50 to 75/25. I wanted a more handy way to see every mix between two colors, so I made these bars with 5% increments. The numbers are reversed on the two sides, so the bar that says 45% on one side says 55% on the other side, so they always add up to 100. One side shows the percentages of one color, and the other shows the corresponding percentages for the other. I hope that makes sense I'm having trouble typing it out 🤔

The file and example prints are set for a C-M mix, but you don't have to adjust the file to print other colors, just ignore the preview colors when you put the file on your printer and set the extruders to be whichever two colors you desire.

There are 3 versions - one with no color on the numbers (for fastest printing), one with the corresponding color on the numbers (in this example Cyan on one side and Magenta on the other, so the numbers

match the percentage of that color), and one with a third color (I used white) on the numbers (for best visibility).

For best results print either vertically or at a 45 degree angle. I included examples of the C-M spectrum printed horizontally (H), diagonally (D), and vertically (V) for comparison. My diagonal one had a bit of an issue at the very bottom so it's slightly messed up, but I didn't deem it worth a reprint so please ignore that part :)

Model files



color-spectrum-with-colored-numbers.3mf

☐ Corresponding color on the numbers



color-spectrum-white-numbers.3mf

☐ Third color on the numbers (for best visibility)



color-spectrum.3mf

☐ No color on the numbers (for fastest printing)

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