

On Colorblindness

You can upload images to test them here:

<http://www.color-blindness.com/coblis-color-blindness-simulator/>

This will help you know which are the most important visions to consider:

	Males	Females
Dichromacy	2.4%	0.03%
Protanopia (red deficient: L cone absent)	1.3%	0.02%
Deuteranopia (green deficient: M cone absent)	1.2%	0.01%
Tritanopia (blue deficient: S cone absent)	0.001%	0.03%
Anomalous trichromacy	6.3%	0.37%
Protanomaly (red deficient: L cone defect)	1.3%	0.02%
Deuteranomaly (green deficient: M cone defect)	5.0%	0.35%
Tritanomaly (blue deficient: S cone defect)	0.0001%	0.0001%

(https://en.wikipedia.org/wiki/Color_blindness)

This is a palette of six colors that are fairly different from each other.



A common trick is simply to choose colors that can be differentiated at zero saturation. (These are the same colors from above). Satisfying grayscale is important for printing.

