

Maryland Color Contrast Chart

Combination	Ratio	Pass/Fail
Red type on white background	4.75:1	Pass
Red type on yellow background	3.3:1	Fail
Red type on light gray background	3.8:1	Fail
Red type on medium gray background	1.2:1	Fail
Red type on dark gray background	2:1	Fail
Red type on black background	4.4:1	Fail
White type on red background	4.75:1	Pass
White type on yellow background	1.5:1	Fail
White type on light gray background	1.25:1	Fail
White type on medium gray background	4:1	Fail
White type on dark gray background	9.6:1	Pass
White type on black background	21:1	Pass
Yellow type on red background	3.3:1	Fail
Yellow type on white background	1.5:1	Fail
Yellow type on light gray background	1.2:1	Fail
Yellow type on medium gray background	2.75:1	Fail
Yellow type on dark gray background	6.6:1	Pass
Yellow type on black background	14.5:1	Pass

Black type on red background	4.4:1	Fail
Black type on white background	21:1	Pass
Black type on light gray background	16.8:1	Pass
Black type on medium gray background	5.25:1	Pass
Black type on dark gray background	2.2:1	Fail
Black type on yellow background	14.5:1	Pass
Light gray type on red background	3.8:1	Fail
Light gray type on white background	1.2:1	Fail
Light gray type on yellow background	1.2:1	Fail
Light gray type on medium gray background	3.2:1	Fail
Light gray type on dark gray background	7.7:1	Pass
Light gray type on black background	16.8:1	Pass
Medium gray type on red background	1.2:1	Fail
Medium gray type on white background	4:1	Fail
Medium gray type on yellow background	2.75:1	Fail
Medium gray type on light gray background	3.2:1	Fail
Medium gray type on dark gray background	2.4:1	Fail
Medium gray type on black background	5.2:1	Pass

Dark gray type on red background	2:1	Fail
Dark gray type on white background	9.6:1	Pass
Dark gray type on yellow background	6.6:1	Pass
Dark gray type on light gray background	7.7:1	Pass
Dark gray type on medium gray background	2.4:1	Fail
Dark gray type on black background	2.2:1	Fail