Winona State University

Accessible Color Palette

WCAG 2 level AA requires a contrast ratio of at least 4.5:1 for normal text & 3:1 for large text. A contrast ratio of at least 3:1 is required for graphics & user interface components. Level AAA requires a contrast ratio of at least 7:1 for normal text & 4.5:1 for large text.

Large text is defined as 14 point (typically 18.66px) & bold or larger, or 18 point (typically 24px) or larger. To test more colors & type sizes, visit: https://webaim.org/resources/contrastchecker

Text Color	WSU Purple	Red	Orange	Yellow	Blue	Green	White	Light Gray	Medium Gray	Dark Gray
WSU Purple **C:** 82 **M:** 99 **Y:** 0 **K:** 0 **R:** 75 **G:** 8 **B:** 161 **Hex:** #4b08a1		Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Fail
Red **C:** 0 **M:** 88 **Y:** 6 **K:** 1 **R:** 216 **G:** 69 **B:** 68 **Hex:** #d84444	Fail		Fail	Fail	Fail	Fail	Pass **Large Text**	Pass **Large Text**	Pass **Large Text**	Fail
Orange **C:** 2 **M:** 45 **Y:** 82 **K:** 0 **R:** 243 **G:** 156 **B:** 70 **Hex:** #f29c45	Pass	Fail		Fail	Fail	Fail	Fail	Fail	Fail	Fail
Yellow **C:** 7 **M:** 19 **Y:** 72 **K:** 0 **R:** 238 **G:** 201 **B:** 100 **Hex:** #edc864	Pass	Fail	Fail		Fail	Fail	Fail	Fail	Fail	Pass **Large Text**
Blue **C:** 55 **M:** 0 **Y:** 24 **K:** 0 **R:** 106 **G:** 201 **B:** 201 **Hex:** #6ac8c9	Pass	Fail	Fail	Fail		Fail	Fail	Fail	Fail	Pass **Large Text**
Green **C:** 41 **M:** 3 **Y:** 76 **K:** 0 **R:** 160 **G:** 200 **B:** 106 **Hex:** #a0c86a	Pass	Fail	Fail	Fail	Fail		Fail	Fail	Fail	Pass **Large Text**
White **C:** 0 **M:** 0 **Y:** 0 **K:** 0 **R:** 255 **G:** 255 **B:** 255 **Hex:** #ffffff	Pass	Pass **Large Text**	Fail	Fail	Fail	Fail		Fail	Fail	Pass
Light Gray **C:** 10 **M:** 5 **Y:** 6 **K:** 0 **R:** 227 **G:** 231 **B:** 232 **Hex:** #e3e7e8	Pass	Pass **Large Text**	Fail	Fail	Fail	Fail	Fail		Fail	Pass
Medium Gray **C:** 11 **M:** 11 **Y:** 13 **K:** 0 **R:** 222 **G:** 218 **B:** 213 **Hex:** #dedad5	Pass	Pass **Large Text**	Fail	Fail	Fail	Fail	Fail	Fail		Pass
Dark Gray **C:** 60 **M:** 53 **Y:** 55 **K:** 25 **R:** 97 **G:** 95 **B:** 92 **Hex:** #615f5c	Fail	Fail	Fail	Pass **Large Text**	Pass **Large Text**	Pass **Large Text**	Pass	Pass	Pass	
Black **C:** 75 **M:** 68 **Y:** 67 **K:** 90 **R:** 0 **G:** 0 **B:** 0 **Hex:** #000000	Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass **Large Text**