

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(A458C3) Hex(F1D4FC) Hex(5878C3) Hex(786780) Hex(000000) Hex(808080)

	Hex(A458C3)	Hex(F1D4FC)	Hex(5878C3)	Hex(786780)	Hex(000000)	Hex(808080)
Hex(A458C3)		Ratio: 3.27 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(F1D4FC)	Ratio: 3.27 AA 18pt ²		Ratio: 3.18 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 15.56 Passed ⁶	Ratio: 2.93 Failed ⁵
Hex(5878C3)	Ratio: 1.03 Failed ⁵	Ratio: 3.18 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(786780)	Ratio: 1.18 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.21 Failed ⁵		Ratio: 4.05 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(000000)	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 15.56 Passed ⁶	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.12 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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