

Converting Colors - WCAG Matrix

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

Hex(A58AC6) Hex(F2E8FF) Hex(8AABC6) Hex(787180) Hex(000000) Hex(808080)

	Hex(A58AC6)	Hex(F2E8FF)	Hex(8AABC6)	Hex(787180)	Hex(000000)	Hex(808080)
Hex(A58AC6)		Ratio: 2.52 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 7.05 Passed ⁶	Ratio: 1.33 Failed ⁵
Hex(F2E8FF)	Ratio: 2.52 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 17.76 Passed ⁶	Ratio: 3.34 AA 18pt ²
Hex(8AABC6)	Ratio: 1.24 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 8.72 Passed ⁶	Ratio: 1.64 Failed ⁵
Hex(787180)	Ratio: 1.58 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.95 Failed ⁵		Ratio: 4.47 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 7.05 Passed ⁶	Ratio: 17.76 Passed ⁶	Ratio: 8.72 Passed ⁶	Ratio: 4.47 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.33 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 1.19 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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