

Converting Colors - WCAG Matrix

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

Hex(A8CAD9) Hex(EDFAFF) Hex(A8D9B7) Hex(757C80) Hex(000000) Hex(808080)

	Hex(A8CAD9)	Hex(EDFAFF)	Hex(A8D9B7)	Hex(757C80)	Hex(000000)	Hex(808080)
Hex(A8CAD9)		Ratio: 1.63 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 12.12 Passed ⁶	Ratio: 2.28 Failed ⁵
Hex(EDFAFF)	Ratio: 1.63 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 19.72 Passed ⁶	Ratio: 3.71 AA 18pt ²
Hex(A8D9B7)	Ratio: 1.10 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 13.27 Passed ⁶	Ratio: 2.50 Failed ⁵
Hex(757C80)	Ratio: 2.45 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 2.68 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 12.12 Passed ⁶	Ratio: 19.72 Passed ⁶	Ratio: 13.27 Passed ⁶	Ratio: 4.95 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.28 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.07 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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