

Converting Colors - WCAG Matrix

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

Hex(8F98A3) Hex(B4C2D4) Hex(908FA3) Hex(494D52) Hex(004191) Hex(000812)

	Hex(8F98A3)	Hex(B4C2D4)	Hex(908FA3)	Hex(494D52)	Hex(004191)	Hex(000812)
Hex(8F98A3)		Ratio: 1.61 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 6.89 AA ¹ AAA 18pt ⁴
Hex(B4C2D4)	Ratio: 1.61 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 11.13 Passed ⁶
Hex(908FA3)	Ratio: 1.08 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(494D52)	Ratio: 2.91 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 2.69 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(004191)	Ratio: 3.32 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.07 Failed ⁵
Hex(000812)	Ratio: 6.89 AA ¹ AAA 18pt ⁴	Ratio: 11.13 Passed ⁶	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 2.36 Failed ⁵	Ratio: 2.07 Failed ⁵	

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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