

Converting Colors - WCAG Matrix

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

Hex(92A0A1) Hex(BAD0D1) Hex(9299A1) Hex(495152) Hex(008891) Hex(001112)

	Hex(92A0A1)	Hex(BAD0D1)	Hex(9299A1)	Hex(495152)	Hex(008891)	Hex(001112)
Hex(92A0A1)		Ratio: 1.68 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 7.13 Passed ⁶
Hex(BAD0D1)	Ratio: 1.68 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 2.64 Failed ⁵	Ratio: 11.97 Passed ⁶
Hex(9299A1)	Ratio: 1.06 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 6.70 AA ¹ AAA 18pt ⁴
Hex(495152)	Ratio: 3.01 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(008891)	Ratio: 1.57 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(001112)	Ratio: 7.13 Passed ⁶	Ratio: 11.97 Passed ⁶	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 2.37 Failed ⁵	Ratio: 4.53 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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