

Converting Colors - WCAG Matrix

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

Hex(7892AE) Hex(8FB7E3) Hex(7978AE) Hex(4E5257) Hex(004896) Hex(000B17)

	Hex(7892AE)	Hex(8FB7E3)	Hex(7978AE)	Hex(4E5257)	Hex(004896)	Hex(000B17)
Hex(7892AE)		Ratio: 1.54 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(8FB7E3)	Ratio: 1.54 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 9.48 Passed ⁶
Hex(7978AE)	Ratio: 1.28 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(4E5257)	Ratio: 2.44 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.92 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(004896)	Ratio: 2.75 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.23 Failed ⁵
Hex(000B17)	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 9.48 Passed ⁶	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 2.52 Failed ⁵	Ratio: 2.23 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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