

Converting Colors - WCAG Matrix

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

Hex(7883AA) Hex(90A1DE) Hex(8578AA) Hex(4C4E54) Hex(002194) Hex(000414)

	Hex(7883AA)	Hex(90A1DE)	Hex(8578AA)	Hex(4C4E54)	Hex(002194)	Hex(000414)
Hex(7883AA)		Ratio: 1.48 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(90A1DE)	Ratio: 1.48 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 8.12 Passed ⁶
Hex(8578AA)	Ratio: 1.07 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(4C4E54)	Ratio: 2.23 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.08 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(002194)	Ratio: 3.42 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 3.20 AA 18pt ²	Ratio: 1.53 Failed ⁵		Ratio: 1.60 Failed ⁵
Hex(000414)	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 8.12 Passed ⁶	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 2.46 Failed ⁵	Ratio: 1.60 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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