

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7A97AE) Hex(91C0E3) Hex(7A7EAE) Hex(4E5357) Hex(005596) Hex(000D17)

Hex(7A97AE)		Ratio: 1.58 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(91C0E3)	Ratio: 1.58 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 10.14 Passed ⁶
Hex(7A7EAE)	Ratio: 1.27 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(4E5357)	Ratio: 2.54 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 2.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(005596)	Ratio: 2.51 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(000D17)	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 10.14 Passed ⁶	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 2.52 Failed ⁵	Ratio: 2.56 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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