

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(778889) Hex(98B2B3) Hex(778089) Hex(3E4545) Hex(008485) Hex(000505)

Hex(778889)		Ratio: 1.65 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(98B2B3)	Ratio: 1.65 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 9.14 Passed ⁶
Hex(778089)	Ratio: 1.08 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(3E4545)	Ratio: 2.65 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(008485)	Ratio: 1.22 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(000505)	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 9.14 Passed ⁶	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 2.09 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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