

Converting Colors - WCAG Matrix

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

Hex(768988) Hex(94B3B1) Hex(768189) Hex(3E4544) Hex(00857E) Hex(000505)

	Hex(768988)	Hex(94B3B1)	Hex(768189)	Hex(3E4544)	Hex(00857E)	Hex(000505)
Hex(768988)		Ratio: 1.64 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(94B3B1)	Ratio: 1.64 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 9.12 Passed ⁶
Hex(768189)	Ratio: 1.08 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(3E4544)	Ratio: 2.67 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 2.46 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(00857E)	Ratio: 1.23 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(000505)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 9.12 Passed ⁶	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.09 Failed ⁵	Ratio: 4.55 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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