

Converting Colors - WCAG Matrix

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

Hex(5B6A6E) Hex(888E8F) Hex(5B6E5E) Hex(434747) Hex(C7C7C7) Hex(474747)

	Hex(5B6A6E)	Hex(888E8F)	Hex(5B6E5E)	Hex(434747)	Hex(C7C7C7)	Hex(474747)
Hex(5B6A6E)		Ratio: 1.69 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.65 Failed ⁵
Hex(888E8F)	Ratio: 1.69 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(5B6E5E)	Ratio: 1.03 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.70 Failed ⁵
Hex(434747)	Ratio: 1.67 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(C7C7C7)	Ratio: 3.33 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.65 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.50 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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