

Converting Colors - WCAG Matrix

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

Hex(7F999F) Hex(C2CCCF) Hex(7F9F84) Hex(616769) Hex(E8E8E8) Hex(696969)

	Hex(7F999F)	Hex(C2CCCF)	Hex(7F9F84)	Hex(616769)	Hex(E8E8E8)	Hex(696969)
Hex(7F999F)		Ratio: 1.84 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(C2CCCF)	Ratio: 1.84 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(7F9F84)	Ratio: 1.03 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(616769)	Ratio: 1.91 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.97 Failed ⁵		Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(E8E8E8)	Ratio: 2.46 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.82 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.48 AA 18pt ²	

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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