

Converting Colors - WCAG Matrix

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

Hex(7D8893) Hex(B8BBBF) Hex(7D9388) Hex(5C5E61) Hex(E0E0E0) Hex(616161)

	Hex(7D8893)	Hex(B8BBBF)	Hex(7D9388)	Hex(5C5E61)	Hex(E0E0E0)	Hex(616161)
Hex(7D8893)		Ratio: 1.87 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(B8BBBF)	Ratio: 1.87 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(7D9388)	Ratio: 1.10 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(5C5E61)	Ratio: 1.80 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.98 Failed ⁵		Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(E0E0E0)	Ratio: 2.74 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.71 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.69 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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