

Converting Colors - WCAG Matrix

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

Hex(799C99) Hex(BBC9C9) Hex(7C9C79) Hex(5E6665) Hex(E6E6E6) Hex(666666)

	Hex(799C99)	Hex(BBC9C9)	Hex(7C9C79)	Hex(5E6665)	Hex(E6E6E6)	Hex(666666)
Hex(799C99)		Ratio: 1.75 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(BBC9C9)	Ratio: 1.75 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(7C9C79)	Ratio: 1.02 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(5E6665)	Ratio: 1.97 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.93 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(E6E6E6)	Ratio: 2.39 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.92 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.60 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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