

Converting Colors - WCAG Matrix

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

Hex(968D90) Hex(C2BEBF) Hex(938D96) Hex(615F60) Hex(E0E0E0) Hex(616161)

	Hex(968D90)	Hex(C2BEBF)	Hex(938D96)	Hex(615F60)	Hex(E0E0E0)	Hex(616161)
Hex(968D90)		Ratio: 1.75 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(C2BEBF)	Ratio: 1.75 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(938D96)	Ratio: 1.00 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(615F60)	Ratio: 1.96 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.96 Failed ⁵		Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(E0E0E0)	Ratio: 2.44 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.92 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 1.02 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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