

Converting Colors - WCAG Matrix

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

Hex(959766) Hex(C4C4B1) Hex(976866) Hex(636358) Hex(E3E3E3) Hex(636363)

	Hex(959766)	Hex(C4C4B1)	Hex(976866)	Hex(636358)	Hex(E3E3E3)	Hex(636363)
Hex(959766)		Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(C4C4B1)	Ratio: 1.72 Failed ⁵		Ratio: 2.65 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(976866)	Ratio: 1.54 Failed ⁵	Ratio: 2.65 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(636358)	Ratio: 2.00 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.30 Failed ⁵		Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(E3E3E3)	Ratio: 2.37 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.97 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.68 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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