

Converting Colors - WCAG Matrix

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

Hex(919739) Hex(C2C49F) Hex(973E39) Hex(62634D) Hex(E3E3E3) Hex(636363)

	Hex(919739)	Hex(C2C49F)	Hex(973E39)	Hex(62634D)	Hex(E3E3E3)	Hex(636363)
Hex(919739)		Ratio: 1.75 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(C2C49F)	Ratio: 1.75 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(973E39)	Ratio: 2.18 Failed ⁵	Ratio: 3.82 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(62634D)	Ratio: 1.96 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(E3E3E3)	Ratio: 2.45 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 4.80 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.91 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.02 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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