

Converting Colors - WCAG Matrix

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

Hex(9E4D58) Hex(CFB0B4) Hex(924D9E) Hex(695658) Hex(E8E8E8) Hex(696969)

	Hex(9E4D58)	Hex(CFB0B4)	Hex(924D9E)	Hex(695658)	Hex(E8E8E8)	Hex(696969)
Hex(9E4D58)		Ratio: 2.88 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(CFB0B4)	Ratio: 2.88 Failed ⁵		Ratio: 2.79 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(924D9E)	Ratio: 1.03 Failed ⁵	Ratio: 2.79 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(695658)	Ratio: 1.19 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(E8E8E8)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.63 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 5.58 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.05 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 4.48 AA 18pt ²	

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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