

Converting Colors - WCAG Matrix

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

Hex(9C8C2D) Hex(C9C39F) Hex(9C2D3E) Hex(66624D) Hex(E6E6E6) Hex(666666)

	Hex(9C8C2D)	Hex(C9C39F)	Hex(9C2D3E)	Hex(66624D)	Hex(E6E6E6)	Hex(666666)
Hex(9C8C2D)		Ratio: 1.90 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(C9C39F)	Ratio: 1.90 Failed ⁵		Ratio: 4.12 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(9C2D3E)	Ratio: 2.17 Failed ⁵	Ratio: 4.12 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(66624D)	Ratio: 1.81 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(E6E6E6)	Ratio: 2.71 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 4.92 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.70 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 1.07 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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