

Converting Colors - WCAG Matrix

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

Hex(9C8C3D) Hex(CCC6A7) Hex(9C3D4E) Hex(666250) Hex(E6E6E6) Hex(666666)

	Hex(9C8C3D)	Hex(CCC6A7)	Hex(9C3D4E)	Hex(666250)	Hex(E6E6E6)	Hex(666666)
Hex(9C8C3D)		Ratio: 1.96 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(CCC6A7)	Ratio: 1.96 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(9C3D4E)	Ratio: 1.95 Failed ⁵	Ratio: 3.82 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(666250)	Ratio: 1.82 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(E6E6E6)	Ratio: 2.70 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 4.91 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.70 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.15 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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