

Converting Colors - WCAG Matrix

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

Hex(9C6046) Hex(C9B2A7) Hex(9C4682) Hex(665852) Hex(E6E6E6) Hex(666666)

	Hex(9C6046)	Hex(C9B2A7)	Hex(9C4682)	Hex(665852)	Hex(E6E6E6)	Hex(666666)
Hex(9C6046)		Ratio: 2.49 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 1.14 Failed ⁵
Hex(C9B2A7)	Ratio: 2.49 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(9C4682)	Ratio: 1.16 Failed ⁵	Ratio: 2.88 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(665852)	Ratio: 1.35 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(E6E6E6)	Ratio: 4.03 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 5.46 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.14 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.19 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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