

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(9C6000) Hex(C9B28D) Hex(9C003C) Hex(665841) Hex(E6E6E6) Hex(666666)

Hex(9C6000)		Ratio: 2.50 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 1.12 Failed ⁵
Hex(C9B28D)	Ratio: 2.50 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(9C003C)	Ratio: 1.65 Failed ⁵	Ratio: 4.13 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵
Hex(665841)	Ratio: 1.35 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(E6E6E6)	Ratio: 4.12 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 5.54 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.12 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.20 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

Failed 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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