

Converting Colors - WCAG Matrix

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

Hex(8F9600) Hex(C2C48A) Hex(960800) Hex(616340) Hex(E3E3E3) Hex(636363)

	Hex(8F9600)	Hex(C2C48A)	Hex(960800)	Hex(616340)	Hex(E3E3E3)	Hex(636363)
Hex(8F9600)		Ratio: 1.77 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(C2C48A)	Ratio: 1.77 Failed ⁵		Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(960800)	Ratio: 2.80 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 7.02 Passed ⁶	Ratio: 1.50 Failed ⁵
Hex(616340)	Ratio: 1.94 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(E3E3E3)	Ratio: 2.51 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 7.02 Passed ⁶	Ratio: 4.86 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.87 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.68 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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