

Converting Colors - WCAG Matrix

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

	Hex(A07B2C)	Hex(846311)	Hex(694B00)	Hex(4E3400)	Hex(342000)	Hex(1C0900)	Hex(000000)
Hex(A07B2C)		Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 5.36 AA ¹ AAA 18pt ⁴
Hex(846311)	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.77 AA 18pt ²
Hex(694B00)	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(4E3400)	Ratio: 2.96 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(342000)	Ratio: 3.97 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(1C0900)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 3.77 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.09 Failed ⁵	

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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