

Converting Colors - WCAG Matrix

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

Hex(C68D37) Hex(FFA721) Hex(B8C637) Hex(635F5A) Hex(A36200) Hex(241500)

	Hex(C68D37)	Hex(FFA721)	Hex(B8C637)	Hex(635F5A)	Hex(A36200)	Hex(241500)
Hex(C68D37)		Ratio: 1.49 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(FFA721)	Ratio: 1.49 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 9.14 Passed ⁶
Hex(B8C637)	Ratio: 1.54 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.37 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 9.45 Passed ⁶
Hex(635F5A)	Ratio: 2.19 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 3.37 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(A36200)	Ratio: 1.69 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.64 AA 18pt ²
Hex(241500)	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 9.14 Passed ⁶	Ratio: 9.45 Passed ⁶	Ratio: 2.80 Failed ⁵	Ratio: 3.64 AA 18pt ²	

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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