

Converting Colors - WCAG Matrix

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

Hex(C68B69) Hex(FFA470) Hex(C6B869) Hex(635D5A) Hex(A33C00) Hex(240D00)

	Hex(C68B69)	Hex(FFA470)	Hex(C6B869)	Hex(635D5A)	Hex(A33C00)	Hex(240D00)
Hex(C68B69)		Ratio: 1.48 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 6.44 AA ¹ AAA 18pt ⁴
Hex(FFA470)	Ratio: 1.48 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 9.53 Passed ⁶
Hex(C6B869)	Ratio: 1.43 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.22 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 9.24 Passed ⁶
Hex(635D5A)	Ratio: 2.25 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.22 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(A33C00)	Ratio: 2.28 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(240D00)	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 9.53 Passed ⁶	Ratio: 9.24 Passed ⁶	Ratio: 2.86 Failed ⁵	Ratio: 2.83 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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