

Converting Colors - WCAG Matrix

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

Hex(C98C77) Hex(FFA282) Hex(C9B477) Hex(635C5A) Hex(A32A00) Hex(240900)

	Hex(C98C77)	Hex(FFA282)	Hex(C9B477)	Hex(635C5A)	Hex(A32A00)	Hex(240900)
Hex(C98C77)		Ratio: 1.43 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴
Hex(FFA282)	Ratio: 1.43 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 9.64 Passed ⁶
Hex(C9B477)	Ratio: 1.37 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 9.23 Passed ⁶
Hex(635C5A)	Ratio: 2.34 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.20 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(A32A00)	Ratio: 2.60 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(240900)	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 9.64 Passed ⁶	Ratio: 9.23 Passed ⁶	Ratio: 2.88 Failed ⁵	Ratio: 2.59 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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