

Converting Colors - WCAG Matrix

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

Hex(C58877) Hex(FF9F85) Hex(C5AF77) Hex(635C5A) Hex(A32400) Hex(240800)

	Hex(C58877)	Hex(FF9F85)	Hex(C5AF77)	Hex(635C5A)	Hex(A32400)	Hex(240800)
Hex(C58877)		Ratio: 1.47 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(FF9F85)	Ratio: 1.47 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 9.51 Passed ⁶
Hex(C5AF77)	Ratio: 1.36 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.05 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 8.81 Passed ⁶
Hex(635C5A)	Ratio: 2.23 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.05 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(A32400)	Ratio: 2.55 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(240800)	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 9.51 Passed ⁶	Ratio: 8.81 Passed ⁶	Ratio: 2.89 Failed ⁵	Ratio: 2.53 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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