

Converting Colors - WCAG Matrix

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

Hex(E6CBC6) Hex(FFDAD4) Hex(E6DAC6) Hex(736967) Hex(B31B00) Hex(330800)

	Hex(E6CBC6)	Hex(FFDAD4)	Hex(E6DAC6)	Hex(736967)	Hex(B31B00)	Hex(330800)
Hex(E6CBC6)		Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 11.67 Passed ⁶
Hex(FFDAD4)	Ratio: 1.18 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 13.81 Passed ⁶
Hex(E6DAC6)	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.85 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 12.94 Passed ⁶
Hex(736967)	Ratio: 3.48 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 3.85 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(B31B00)	Ratio: 4.46 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(330800)	Ratio: 11.67 Passed ⁶	Ratio: 13.81 Passed ⁶	Ratio: 12.94 Passed ⁶	Ratio: 3.36 AA 18pt ²	Ratio: 2.61 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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