

Converting Colors - WCAG Matrix

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

Hex(E8CFA3) Hex(FFDEA3) Hex(E0E8A3) Hex(75706B) Hex(B57300) Hex(362100)

	Hex(E8CFA3)	Hex(FFDEA3)	Hex(E0E8A3)	Hex(75706B)	Hex(B57300)	Hex(362100)
Hex(E8CFA3)		Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 10.10 Passed ⁶
Hex(FFDEA3)	Ratio: 1.17 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 11.81 Passed ⁶
Hex(E0E8A3)	Ratio: 1.17 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.79 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 11.82 Passed ⁶
Hex(75706B)	Ratio: 3.24 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 3.79 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(B57300)	Ratio: 2.56 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 3.94 AA 18pt ²
Hex(362100)	Ratio: 10.10 Passed ⁶	Ratio: 11.81 Passed ⁶	Ratio: 11.82 Passed ⁶	Ratio: 3.12 AA 18pt ²	Ratio: 3.94 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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