

Converting Colors - WCAG Matrix

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

Hex(FFDEA4) Hex(FFD791) Hex(F3FFA4) Hex(807B73) Hex(BF7A00) Hex(402900)

	Hex(FFDEA4)	Hex(FFD791)	Hex(F3FFA4)	Hex(807B73)	Hex(BF7A00)	Hex(402900)
Hex(FFDEA4)		Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 10.58 Passed ⁶
Hex(FFD791)	Ratio: 1.06 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 10.02 Passed ⁶
Hex(F3FFA4)	Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.93 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 12.80 Passed ⁶
Hex(807B73)	Ratio: 3.25 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 3.93 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(BF7A00)	Ratio: 2.71 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 3.91 AA 18pt ²
Hex(402900)	Ratio: 10.58 Passed ⁶	Ratio: 10.02 Passed ⁶	Ratio: 12.80 Passed ⁶	Ratio: 3.26 AA 18pt ²	Ratio: 3.91 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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