

Converting Colors - WCAG Matrix

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

Hex(FFECEB6) Hex(FFE8A8) Hex(EFFFB6) Hex(807C73) Hex(BF8D00) Hex(402F00)

	Hex(FFECEB6)	Hex(FFE8A8)	Hex(EFFFB6)	Hex(807C73)	Hex(BF8D00)	Hex(402F00)
Hex(FFECEB6)		Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 11.03 Passed ⁶
Hex(FFE8A8)	Ratio: 1.03 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 10.69 Passed ⁶
Hex(EFFFB6)	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 12.07 Passed ⁶
Hex(807C73)	Ratio: 3.55 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 3.89 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(BF8D00)	Ratio: 2.55 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 4.32 AA 18pt ²
Hex(402F00)	Ratio: 11.03 Passed ⁶	Ratio: 10.69 Passed ⁶	Ratio: 12.07 Passed ⁶	Ratio: 3.11 AA 18pt ²	Ratio: 4.32 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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