

Converting Colors - WCAG Matrix

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

Hex(FFECCF) Hex(FFE8C4) Hex(FAFFCF) Hex(807A73) Hex(BF7400) Hex(402700)

	Hex(FFECCF)	Hex(FFE8C4)	Hex(FAFFCF)	Hex(807A73)	Hex(BF7400)	Hex(402700)
Hex(FFECCF)		Ratio: 1.03 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 12.04 Passed ⁶
Hex(FFE8C4)	Ratio: 1.03 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 11.66 Passed ⁶
Hex(FAFFCF)	Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 4.10 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 13.44 Passed ⁶
Hex(807A73)	Ratio: 3.67 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 4.10 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(BF7400)	Ratio: 3.18 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 3.79 AA 18pt ²
Hex(402700)	Ratio: 12.04 Passed ⁶	Ratio: 11.66 Passed ⁶	Ratio: 13.44 Passed ⁶	Ratio: 3.28 AA 18pt ²	Ratio: 3.79 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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