

Converting Colors - WCAG Matrix

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

Hex(FFE6E4) Hex(FFE0DE) Hex(FFF3E4) Hex(807473) Hex(BF0E00) Hex(400500)

	Hex(FFE6E4)	Hex(FFE0DE)	Hex(FFF3E4)	Hex(807473)	Hex(BF0E00)	Hex(400500)
Hex(FFE6E4)		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 14.27 Passed ⁶
Hex(FFE0DE)	Ratio: 1.04 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 13.69 Passed ⁶
Hex(FFF3E4)	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 4.12 AA 18pt ²	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 15.48 Passed ⁶
Hex(807473)	Ratio: 3.79 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 4.12 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF0E00)	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 1.42 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400500)	Ratio: 14.27 Passed ⁶	Ratio: 13.69 Passed ⁶	Ratio: 15.48 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.64 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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