

Converting Colors - WCAG Matrix

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

	Hex(EF0400)	Hex(FFFFFF6)	Hex(FF5E39)	Hex(FF7D52)	Hex(FF9B6C)	Hex(FFB986)	Hex(FFD7A1)	Hex(FFF5BD)	Hex(FFFFD9)
Hex(EF0400)		Ratio: 4.46 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 4.39 AA 18pt ²
Hex(FFFFFF6)	Ratio: 4.46 AA 18pt ²		Ratio: 3.02 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FF5E39)	Ratio: 1.47 Failed ⁵	Ratio: 3.02 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(FF7D52)	Ratio: 1.77 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(FF9B6C)	Ratio: 2.17 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(FFB986)	Ratio: 2.67 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(FFD7A1)	Ratio: 3.30 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(FFF5BD)	Ratio: 4.06 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFD9)	Ratio: 4.39 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.08 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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