

Converting Colors - WCAG Matrix

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

	Hex(F72F2A)	Hex(FFFFFF)	Hex(FF715A)	Hex(FF8E73)	Hex(FFAC8D)	Hex(FFCAA8)	Hex(FFE8C3)	Hex(FFFE0)	Hex(FFFFFD)
Hex(F72F2A)		Ratio: 3.89 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 3.89 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.89 AA 18pt ²		Ratio: 2.71 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(FF715A)	Ratio: 1.44 Failed ⁵	Ratio: 2.71 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(FF8E73)	Ratio: 1.74 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(FFAC8D)	Ratio: 2.14 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(FFCAA8)	Ratio: 2.64 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFE8C3)	Ratio: 3.26 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FFFE0)	Ratio: 3.82 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFD)	Ratio: 3.89 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.02 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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