

Converting Colors - WCAG Matrix

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

	Hex(F23F17)	Hex(FFFFFF)	Hex(FF7B4A)	Hex(FF9864)	Hex(FFB57E)	Hex(FFD299)	Hex(FFF0B4)	Hex(FFFFD0)	Hex(FFFFED)
Hex(F23F17)		Ratio: 3.82 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 3.78 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.82 AA 18pt ²		Ratio: 2.57 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FF7B4A)	Ratio: 1.49 Failed ⁵	Ratio: 2.57 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(FF9864)	Ratio: 1.81 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(FFB57E)	Ratio: 2.21 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(FFD299)	Ratio: 2.72 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(FFF0B4)	Ratio: 3.34 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(FFFFD0)	Ratio: 3.72 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFED)	Ratio: 3.78 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.13 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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