

Converting Colors - WCAG Matrix

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

	Hex(CF4D3A)	Hex(FFFFFF)	Hex(FF836A)	Hex(FF9F84)	Hex(FFBB9E)	Hex(FFD7B9)	Hex(FFF5D5)	Hex(FFFFF1)
Hex(CF4D3A)		Ratio: 4.40 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 4.36 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.40 AA 18pt ²		Ratio: 2.41 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FF836A)	Ratio: 1.82 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(FF9F84)	Ratio: 2.21 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(FFBB9E)	Ratio: 2.69 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(FFD7B9)	Ratio: 3.28 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(FFF5D5)	Ratio: 4.04 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFF1)	Ratio: 4.36 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.62 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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