

Converting Colors - WCAG Matrix

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

	Hex(C4292E)	Hex(FFFFFF)	Hex(FF665C)	Hex(FF8275)	Hex(FF9E8F)	Hex(FFBAAB)	Hex(FFD6C4)	Hex(FFF5E0)
Hex(C4292E)		Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.67 AA ¹ AAA 18pt ⁴		Ratio: 2.87 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(FF665C)	Ratio: 1.97 Failed ⁵	Ratio: 2.87 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(FF8275)	Ratio: 2.35 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(FF9E8F)	Ratio: 2.85 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(FFBAAB)	Ratio: 3.47 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFD6C4)	Ratio: 4.23 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(FFF5E0)	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.24 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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