

Converting Colors - WCAG Matrix

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

	Hex(FFC1AA)	Hex(FFAE91)	Hex(FF9C77)	Hex(FF895E)	Hex(FF7744)	Hex(FF642A)	Hex(FF5111)	Hex(FF4500)
Hex(FFC1AA)		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(FFAE91)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(FF9C77)	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(FF895E)	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FF7744)	Ratio: 1.69 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(FF642A)	Ratio: 1.89 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(FF5111)	Ratio: 2.09 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FF4500)	Ratio: 2.21 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 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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