

Converting Colors - WCAG Matrix

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

	Hex(FFCCC4)	Hex(FFB6AB)	Hex(FFA091)	Hex(FF8978)	Hex(FF735E)	Hex(FF5D45)	Hex(FF472B)	Hex(FF3112)	Hex(FF2200)
Hex(FFCCC4)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(FFB6AB)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(FFA091)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(FF8978)	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(FF735E)	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FF5D45)	Ratio: 2.13 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(FF472B)	Ratio: 2.37 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(FF3112)	Ratio: 2.58 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FF2200)	Ratio: 2.68 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.04 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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