

Converting Colors - WCAG Matrix

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

	Hex(FC4C4C)	Hex(FC6565)	Hex(FC7E7E)	Hex(FC9898)	Hex(FCB1B1)	Hex(FCCACA)	Hex(FCE3E3)	Hex(FCFCFC)	Hex(FCFFFF)
Hex(FC4C4C)		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 3.33 AA 18pt ²
Hex(FC6565)	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(FC7E7E)	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(FC9898)	Ratio: 1.61 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(FCB1B1)	Ratio: 1.92 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(FCCACA)	Ratio: 2.30 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FCE3E3)	Ratio: 2.75 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(FCFCFC)	Ratio: 3.26 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FCFFFF)	Ratio: 3.33 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.21 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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