

Converting Colors - WCAG Matrix

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

	Hex(FCB0B5)	Hex(FC969E)	Hex(FC7D87)	Hex(FC636E)	Hex(FC4A57)	Hex(FC3340)	Hex(FC1729)	Hex(FC0012)
Hex(FCB0B5)		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(FC969E)	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(FC7D87)	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(FC636E)	Ratio: 1.68 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(FC4A57)	Ratio: 1.92 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(FC3340)	Ratio: 2.11 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(FC1729)	Ratio: 2.27 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FC0012)	Ratio: 2.33 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 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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