

Converting Colors - WCAG Matrix

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

Hex(FC3F6B) Hex(FFFFFF) Hex(FF7D9E) Hex(FF9BB9) Hex(FFB9D5) Hex(FFD6F1) Hex(FFF5FF)

	Hex(FC3F6B)	Hex(FFFFFF)	Hex(FF7D9E)	Hex(FF9BB9)	Hex(FFB9D5)	Hex(FFD6F1)	Hex(FFF5FF)
Hex(FC3F6B)		Ratio: 3.46 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.46 AA 18pt ²		Ratio: 2.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(FF7D9E)	Ratio: 1.43 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(FF9BB9)	Ratio: 1.76 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(FFB9D5)	Ratio: 2.17 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFD6F1)	Ratio: 2.66 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF5FF)	Ratio: 3.26 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 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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