

Converting Colors - WCAG Matrix

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

Hex(FF8AE9) Hex(FFA3EE) Hex(FFBDF3) Hex(FFD6F7) Hex(FFF0FC) Hex(FFFFFF)

	Hex(FF8AE9)	Hex(FFA3EE)	Hex(FFBDF3)	Hex(FFD6F7)	Hex(FFF0FC)	Hex(FFFFFF)
Hex(FF8AE9)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(FFA3EE)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(FFBDF3)	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(FFD6F7)	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(FFF0FC)	Ratio: 1.90 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(FFFFFF)	Ratio: 2.09 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.10 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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