

Converting Colors - WCAG Matrix

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

Hex(FF579E) Hex(FFFFFF) Hex(FF92D4) Hex(FFAFF1) Hex(FFCCFF) Hex(FFEAFB)

	Hex(FF579E)	Hex(FFFFFF)	Hex(FF92D4)	Hex(FFAFF1)	Hex(FFCCFF)	Hex(FFEAFB)
Hex(FF579E)		Ratio: 2.95 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(FFFFFF)	Ratio: 2.95 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(FF92D4)	Ratio: 1.45 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(FFAFF1)	Ratio: 1.78 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(FFCCFF)	Ratio: 2.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFEAFB)	Ratio: 2.60 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 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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