

Converting Colors - WCAG Matrix

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

	Hex(F831FF)	Hex(FFFFFF)	Hex(FF79FF)	Hex(FF98FF)	Hex(FFB6FF)	Hex(FFD5FF)	Hex(FFF4FF)
Hex(F831FF)		Ratio: 3.05 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(FFFFFF)	Ratio: 3.05 AA 18pt ²		Ratio: 2.23 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FF79FF)	Ratio: 1.37 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(FF98FF)	Ratio: 1.63 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(FFB6FF)	Ratio: 1.95 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFD5FF)	Ratio: 2.36 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFF4FF)	Ratio: 2.86 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 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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