

Converting Colors - WCAG Matrix

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

	Hex(FA00C4)	Hex(FFFFFF)	Hex(FF65FD)	Hex(FF86FF)	Hex(FFA5FF)	Hex(FFC4FF)	Hex(FFE3FF)
Hex(FA00C4)		Ratio: 3.58 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.58 AA 18pt ²		Ratio: 2.46 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FF65FD)	Ratio: 1.46 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(FF86FF)	Ratio: 1.72 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(FFA5FF)	Ratio: 2.06 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(FFC4FF)	Ratio: 2.49 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFE3FF)	Ratio: 3.02 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.46 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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