

Converting Colors - WCAG Matrix

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

Hex(D467BC) Hex(FFFFFF) Hex(FF9EF4) Hex(FFBAFF) Hex(FFD6FF) Hex(FFF4FF)

	Hex(D467BC)	Hex(FFFFFF)	Hex(FF9EF4)	Hex(FFBAFF)	Hex(FFD6FF)	Hex(FFF4FF)
Hex(D467BC)		Ratio: 3.25 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.25 AA 18pt ²		Ratio: 1.83 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FF9EF4)	Ratio: 1.77 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(FFBAFF)	Ratio: 2.12 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFD6FF)	Ratio: 2.52 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF4FF)	Ratio: 3.04 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.43 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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