

Converting Colors - WCAG Matrix

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

Hex(D862DE) Hex(FFFFFF) Hex(FF99FF) Hex(FFB6FF) Hex(FFD3FF) Hex(FFF0FF)

	Hex(D862DE)	Hex(FFFFFF)	Hex(FF99FF)	Hex(FFB6FF)	Hex(FFD3FF)	Hex(FFF0FF)
Hex(D862DE)		Ratio: 3.12 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(FFFFFF)	Ratio: 3.12 AA 18pt ²		Ratio: 1.87 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(FF99FF)	Ratio: 1.67 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(FFB6FF)	Ratio: 1.99 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFD3FF)	Ratio: 2.38 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF0FF)	Ratio: 2.85 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.70 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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