

Converting Colors - WCAG Matrix

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

	Hex(BA69E9)	Hex(D784FF)	Hex(F59FFF)	Hex(FFBBFF)	Hex(FFD7FF)	Hex(FFF4FF)	Hex(FFFFFF)
Hex(BA69E9)		Ratio: 1.37 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.34 AA 18pt ²
Hex(D784FF)	Ratio: 1.37 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(F59FFF)	Ratio: 1.80 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(FFBBFF)	Ratio: 2.20 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(FFD7FF)	Ratio: 2.61 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(FFF4FF)	Ratio: 3.12 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(FFFFFF)	Ratio: 3.34 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.07 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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