

Converting Colors - WCAG Matrix

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

Hex(B266FF) Hex(FFFFFF) Hex(ED9CFF) Hex(FFB8FF) Hex(FFD4FF) Hex(FFF1FF)

	Hex(B266FF)	Hex(FFFFFF)	Hex(ED9CFF)	Hex(FFB8FF)	Hex(FFD4FF)	Hex(FFF1FF)
Hex(B266FF)		Ratio: 3.37 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.37 AA 18pt ²		Ratio: 1.94 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(ED9CFF)	Ratio: 1.73 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(FFB8FF)	Ratio: 2.17 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FFD4FF)	Ratio: 2.58 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF1FF)	Ratio: 3.09 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.42 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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