

Converting Colors - WCAG Matrix

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

	Hex(F75EF2)	Hex(FF7DFF)	Hex(FF99FF)	Hex(FFB8FF)	Hex(FFD4FF)	Hex(FFF2FF)	Hex(FFFFFF)
Hex(F75EF2)		Ratio: 1.23 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(FF7DFF)	Ratio: 1.23 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(FF99FF)	Ratio: 1.44 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(FFB8FF)	Ratio: 1.73 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(FFD4FF)	Ratio: 2.06 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(FFF2FF)	Ratio: 2.47 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFFF)	Ratio: 2.68 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.08 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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