

Converting Colors - WCAG Matrix

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

	Hex(FF3399)	Hex(FF57B4)	Hex(FF77CF)	Hex(FF95EB)	Hex(FFB4FF)	Hex(FFD2FF)	Hex(FFF0FF)	Hex(FFFFFF)
Hex(FF3399)		Ratio: 1.18 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.39 AA 18pt ²
Hex(FF57B4)	Ratio: 1.18 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(FF77CF)	Ratio: 1.42 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(FF95EB)	Ratio: 1.74 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(FFB4FF)	Ratio: 2.14 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(FFD2FF)	Ratio: 2.57 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(FFF0FF)	Ratio: 3.10 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(FFFFFF)	Ratio: 3.39 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.10 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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