

Converting Colors - WCAG Matrix

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

	Hex(FF18FF)	Hex(FFFFFF)	Hex(FF6FFF)	Hex(FF8FFF)	Hex(FFAFFF)	Hex(FFCEFF)	Hex(FFEDFF)
Hex(FF18FF)		Ratio: 3.08 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(FFFFFF)	Ratio: 3.08 AA 18pt ²		Ratio: 2.34 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(FF6FFF)	Ratio: 1.31 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(FF8FFF)	Ratio: 1.56 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(FFAFFF)	Ratio: 1.88 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFCEFF)	Ratio: 2.27 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFEDFF)	Ratio: 2.76 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 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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