

Converting Colors - WCAG Matrix

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

Hex(CFA0FF) Hex(C386FF) Hex(B66DFF) Hex(A953FF) Hex(9C3AFF) Hex(9020FF) Hex(8307FF) Hex(8000FF)

	Hex(CFA0FF)	Hex(C386FF)	Hex(B66DFF)	Hex(A953FF)	Hex(9C3AFF)	Hex(9020FF)	Hex(8307FF)	Hex(8000FF)
Hex(CFA0FF)		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(C386FF)	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(B66DFF)	Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(A953FF)	Ratio: 1.89 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(9C3AFF)	Ratio: 2.27 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(9020FF)	Ratio: 2.64 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(8307FF)	Ratio: 2.94 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(8000FF)	Ratio: 3.01 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.02 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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