

Converting Colors - WCAG Matrix

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

	Hex(CC99FF)	Hex(C080FF)	Hex(B366FF)	Hex(A64DFF)	Hex(9A33FF)	Hex(8D1AFF)	Hex(8000FF)
Hex(CC99FF)		Ratio: 1.23 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(C080FF)	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(B366FF)	Ratio: 1.53 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(A64DFF)	Ratio: 1.87 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(9A33FF)	Ratio: 2.23 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(8D1AFF)	Ratio: 2.57 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(8000FF)	Ratio: 2.85 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.11 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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