

Converting Colors - WCAG Matrix

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

	Hex(BDCFFA)	Hex(A3BDFA)	Hex(8CABFA)	Hex(7399FA)	Hex(5987FA)	Hex(4075FA)	Hex(2663FA)	Hex(0D54FA)	Hex(004AFA)
Hex(BDCFFA)		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 4.01 AA 18pt ²
Hex(A3BDFA)	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.34 AA 18pt ²
Hex(8CABFA)	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(7399FA)	Ratio: 1.76 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(5987FA)	Ratio: 2.15 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(4075FA)	Ratio: 2.62 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(2663FA)	Ratio: 3.17 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(0D54FA)	Ratio: 3.67 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(004AFA)	Ratio: 4.01 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.09 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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