

Converting Colors - WCAG Matrix

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

	Hex(9CA7FC)	Hex(8391FC)	Hex(6A7AFC)	Hex(5064FC)	Hex(374EFC)	Hex(1E37FC)	Hex(0521FC)	Hex(001DFC)
Hex(9CA7FC)		Ratio: 1.26 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 3.62 AA 18pt ²
Hex(8391FC)	Ratio: 1.26 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(6A7AFC)	Ratio: 1.61 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(5064FC)	Ratio: 2.05 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(374EFC)	Ratio: 2.56 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(1E37FC)	Ratio: 3.11 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(0521FC)	Ratio: 3.55 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(001DFC)	Ratio: 3.62 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.17 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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