

Converting Colors - WCAG Matrix

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

	Hex(B1C7FC)	Hex(97B6FC)	Hex(7EA4FC)	Hex(6592FC)	Hex(4C81FC)	Hex(326FFC)	Hex(195DFC)	Hex(004CFC)
Hex(B1C7FC)		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.62 AA 18pt ²
Hex(97B6FC)	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(7EA4FC)	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(6592FC)	Ratio: 1.76 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(4C81FC)	Ratio: 2.13 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(326FFC)	Ratio: 2.58 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(195DFC)	Ratio: 3.10 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(004CFC)	Ratio: 3.62 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 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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