

Converting Colors - WCAG Matrix

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

	Hex(B7C8F2)	Hex(9FB6F2)	Hex(87A5F2)	Hex(6E94F2)	Hex(5682F2)	Hex(3E71F2)	Hex(2660F2)	Hex(0E4EF2)	Hex(0045F2)
Hex(B7C8F2)		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 4.01 AA 18pt ²
Hex(9FB6F2)	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.33 AA 18pt ²
Hex(87A5F2)	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(6E94F2)	Ratio: 1.75 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(5682F2)	Ratio: 2.14 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(3E71F2)	Ratio: 2.59 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(2660F2)	Ratio: 3.11 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(0E4EF2)	Ratio: 3.70 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(0045F2)	Ratio: 4.01 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 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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