

Converting Colors - WCAG Matrix

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

Hex(354282) Hex(F6F9FF) Hex(6A71B7) Hex(858BD3) Hex(A1A5EF) Hex(BDC0FF) Hex(D9DCFF)

	Hex(354282)	Hex(F6F9FF)	Hex(6A71B7)	Hex(858BD3)	Hex(A1A5EF)	Hex(BDC0FF)	Hex(D9DCFF)
Hex(354282)		Ratio: 8.84 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 6.94 AA ¹ AAA 18pt ⁴
Hex(F6F9FF)	Ratio: 8.84 Passed ⁶		Ratio: 4.27 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(6A71B7)	Ratio: 2.07 Failed ⁵	Ratio: 4.27 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(858BD3)	Ratio: 2.94 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(A1A5EF)	Ratio: 4.06 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(BDC0FF)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.64 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(D9DCFF)	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 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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