

Converting Colors - WCAG Matrix

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

Hex(2E5BB2) Hex(E3FAFF) Hex(6D8CEA) Hex(8BA7FF) Hex(A8C2FF) Hex(C5DEFF)

	Hex(2E5BB2)	Hex(E3FAFF)	Hex(6D8CEA)	Hex(8BA7FF)	Hex(A8C2FF)	Hex(C5DEFF)
Hex(2E5BB2)		Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(E3FAFF)	Ratio: 5.95 AA ¹ AAA 18pt ⁴		Ratio: 2.94 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(6D8CEA)	Ratio: 2.02 Failed ⁵	Ratio: 2.94 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(8BA7FF)	Ratio: 2.79 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(A8C2FF)	Ratio: 3.63 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(C5DEFF)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.68 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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