

Converting Colors - WCAG Matrix

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

Hex(A9B3EF) Hex(A6B3FF) Hex(C1A9EF) Hex(6C6E78) Hex(001CB8) Hex(000838)

	Hex(A9B3EF)	Hex(A6B3FF)	Hex(C1A9EF)	Hex(6C6E78)	Hex(001CB8)	Hex(000838)
Hex(A9B3EF)		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 9.51 Passed ⁶
Hex(A6B3FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 9.63 Passed ⁶
Hex(C1A9EF)	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 9.33 Passed ⁶
Hex(6C6E78)	Ratio: 2.51 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(001CB8)	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵		Ratio: 1.70 Failed ⁵
Hex(000838)	Ratio: 9.51 Passed ⁶	Ratio: 9.63 Passed ⁶	Ratio: 9.33 Passed ⁶	Ratio: 3.79 AA 18pt ²	Ratio: 1.70 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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