

Converting Colors - WCAG Matrix

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

Hex(C7CFFF) Hex(BDC6FF) Hex(DBC7FF) Hex(737480) Hex(001ABF) Hex(000940)

	Hex(C7CFFF)	Hex(BDC6FF)	Hex(DBC7FF)	Hex(737480)	Hex(001ABF)	Hex(000940)
Hex(C7CFFF)		Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 7.26 Passed ⁶	Ratio: 12.39 Passed ⁶
Hex(BDC6FF)	Ratio: 1.09 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 11.40 Passed ⁶
Hex(DBC7FF)	Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 7.17 Passed ⁶	Ratio: 12.24 Passed ⁶
Hex(737480)	Ratio: 3.04 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 3.00 AA 18pt ²		Ratio: 2.39 Failed ⁵	Ratio: 4.08 AA 18pt ²
Hex(001ABF)	Ratio: 7.26 Passed ⁶	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶	Ratio: 2.39 Failed ⁵		Ratio: 1.71 Failed ⁵
Hex(000940)	Ratio: 12.39 Passed ⁶	Ratio: 11.40 Passed ⁶	Ratio: 12.24 Passed ⁶	Ratio: 4.08 AA 18pt ²	Ratio: 1.71 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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