

Converting Colors - WCAG Matrix

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

Hex(C7EFFF) Hex(BDECFF) Hex(C7D3FF) Hex(737C80) Hex(0088BF) Hex(002D40)

	Hex(C7EFFF)	Hex(BDECFF)	Hex(C7D3FF)	Hex(737C80)	Hex(0088BF)	Hex(002D40)
Hex(C7EFFF)		Ratio: 1.04 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 11.88 Passed ⁶
Hex(BDECFF)	Ratio: 1.04 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 11.46 Passed ⁶
Hex(C7D3FF)	Ratio: 1.21 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 9.79 Passed ⁶
Hex(737C80)	Ratio: 3.50 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 2.88 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(0088BF)	Ratio: 3.26 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.64 AA 18pt ²
Hex(002D40)	Ratio: 11.88 Passed ⁶	Ratio: 11.46 Passed ⁶	Ratio: 9.79 Passed ⁶	Ratio: 3.40 AA 18pt ²	Ratio: 3.64 AA 18pt ²	

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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