

Converting Colors - WCAG Matrix

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

Hex(C8E8FA) Hex(C2EAFF) Hex(C8CFFA) Hex(70797D) Hex(007BBD) Hex(00283D)

Hex(C8E8FA)		Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 11.95 Passed ⁶
Hex(C2EAFF)	Ratio: 1.01 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 12.04 Passed ⁶
Hex(C8CFFA)	Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 10.04 Passed ⁶
Hex(70797D)	Ratio: 3.47 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 2.92 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(007BBD)	Ratio: 3.59 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 3.33 AA 18pt ²
Hex(00283D)	Ratio: 11.95 Passed ⁶	Ratio: 12.04 Passed ⁶	Ratio: 10.04 Passed ⁶	Ratio: 3.44 AA 18pt ²	Ratio: 3.33 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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