

Converting Colors - WCAG Matrix

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

Hex(CEF0F8) Hex(CCF5FF) Hex(CEDBF8) Hex(707B7D) Hex(0099BD) Hex(00323D)

	Hex(CEF0F8)	Hex(CCF5FF)	Hex(CEDBF8)	Hex(707B7D)	Hex(0099BD)	Hex(00323D)
Hex(CEF0F8)		Ratio: 1.04 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 11.45 Passed ⁶
Hex(CCF5FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 11.86 Passed ⁶
Hex(CEDBF8)	Ratio: 1.15 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.14 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 9.92 Passed ⁶
Hex(707B7D)	Ratio: 3.62 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 3.14 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(0099BD)	Ratio: 2.77 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 4.13 AA 18pt ²
Hex(00323D)	Ratio: 11.45 Passed ⁶	Ratio: 11.86 Passed ⁶	Ratio: 9.92 Passed ⁶	Ratio: 3.16 AA 18pt ²	Ratio: 4.13 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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