

Converting Colors - WCAG Matrix

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

Hex(CEF1F7) Hex(CCF6FF) Hex(CEDBF7) Hex(6E777A) Hex(009DBA) Hex(00323B)

	Hex(CEF1F7)	Hex(CCF6FF)	Hex(CEDBF7)	Hex(6E777A)	Hex(009DBA)	Hex(00323B)
Hex(CEF1F7)		Ratio: 1.04 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 11.55 Passed ⁶
Hex(CCF6FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 11.97 Passed ⁶
Hex(CEDBF7)	Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.29 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 9.94 Passed ⁶
Hex(6E777A)	Ratio: 3.83 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 3.29 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(009DBA)	Ratio: 2.69 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 4.30 AA 18pt ²
Hex(00323B)	Ratio: 11.55 Passed ⁶	Ratio: 11.97 Passed ⁶	Ratio: 9.94 Passed ⁶	Ratio: 3.02 AA 18pt ²	Ratio: 4.30 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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