

Converting Colors - WCAG Matrix

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

Hex(CEE7F3) Hex(D1F0FF) Hex(CED4F3) Hex(6E767A) Hex(007CBA) Hex(00273B)

	Hex(CEE7F3)	Hex(D1F0FF)	Hex(CED4F3)	Hex(6E767A)	Hex(007CBA)	Hex(00273B)
Hex(CEE7F3)		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 12.08 Passed ⁶
Hex(D1F0FF)	Ratio: 1.08 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 13.02 Passed ⁶
Hex(CED4F3)	Ratio: 1.14 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 10.59 Passed ⁶
Hex(6E767A)	Ratio: 3.60 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 3.16 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(007CBA)	Ratio: 3.56 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 3.39 AA 18pt ²
Hex(00273B)	Ratio: 12.08 Passed ⁶	Ratio: 13.02 Passed ⁶	Ratio: 10.59 Passed ⁶	Ratio: 3.35 AA 18pt ²	Ratio: 3.39 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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