

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CEEAFF) Hex(C4E5FF) Hex(CED1FF) Hex(737A80) Hex(006CBF) Hex(002440)

Hex(CEEAFF)		Ratio: 1.05 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 4.32 AA 18pt ²	Ratio: 12.69 Passed ⁶
Hex(C4E5FF)	Ratio: 1.05 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 12.06 Passed ⁶
Hex(CED1FF)	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.94 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 10.70 Passed ⁶
Hex(737A80)	Ratio: 3.49 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 2.94 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(006CBF)	Ratio: 4.32 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 1.24 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(002440)	Ratio: 12.69 Passed ⁶	Ratio: 12.06 Passed ⁶	Ratio: 10.70 Passed ⁶	Ratio: 3.64 AA 18pt ²	Ratio: 2.94 Failed ⁵	

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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