

Converting Colors - WCAG Matrix

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

Hex(CDECFE) Hex(C4E9FF) Hex(CDD3FE) Hex(737B80) Hex(0078BF) Hex(002840)

	Hex(CDECFE)	Hex(C4E9FF)	Hex(CDD3FE)	Hex(737B80)	Hex(0078BF)	Hex(002840)
Hex(CDECFE)		Ratio: 1.04 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 12.36 Passed ⁶
Hex(C4E9FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 11.94 Passed ⁶
Hex(CDD3FE)	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.94 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 10.41 Passed ⁶
Hex(737B80)	Ratio: 3.49 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 2.94 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(0078BF)	Ratio: 3.84 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 3.23 AA 18pt ²	Ratio: 1.10 Failed ⁵		Ratio: 3.22 AA 18pt ²
Hex(002840)	Ratio: 12.36 Passed ⁶	Ratio: 11.94 Passed ⁶	Ratio: 10.41 Passed ⁶	Ratio: 3.54 AA 18pt ²	Ratio: 3.22 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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