

Converting Colors - WCAG Matrix

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

Hex(CBE8FF) Hex(C2E4FF) Hex(CBCEFF) Hex(737A80) Hex(006BBF) Hex(002440)

	Hex(CBE8FF)	Hex(C2E4FF)	Hex(CBCEFF)	Hex(737A80)	Hex(006BBF)	Hex(002440)
Hex(CBE8FF)		Ratio: 1.04 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 12.46 Passed ⁶
Hex(C2E4FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 11.94 Passed ⁶
Hex(CBCEFF)	Ratio: 1.20 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.86 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 10.41 Passed ⁶
Hex(737A80)	Ratio: 3.43 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 2.86 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(006BBF)	Ratio: 4.29 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(002440)	Ratio: 12.46 Passed ⁶	Ratio: 11.94 Passed ⁶	Ratio: 10.41 Passed ⁶	Ratio: 3.64 AA 18pt ²	Ratio: 2.91 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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