

Converting Colors - WCAG Matrix

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

Hex(C6EBFF) Hex(BAE6FF) Hex(C6CFFF) Hex(737B80) Hex(007BBF) Hex(002940)

	Hex(C6EBFF)	Hex(BAE6FF)	Hex(C6CFFF)	Hex(737B80)	Hex(007BBF)	Hex(002940)
Hex(C6EBFF)		Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 3.65 AA 18pt ²	Ratio: 12.02 Passed ⁶
Hex(BAE6FF)	Ratio: 1.06 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 11.39 Passed ⁶
Hex(C6CFFF)	Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 9.90 Passed ⁶
Hex(737B80)	Ratio: 3.43 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 2.83 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(007BBF)	Ratio: 3.65 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 3.30 AA 18pt ²
Hex(002940)	Ratio: 12.02 Passed ⁶	Ratio: 11.39 Passed ⁶	Ratio: 9.90 Passed ⁶	Ratio: 3.50 AA 18pt ²	Ratio: 3.30 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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