

Converting Colors - WCAG Matrix

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

Hex(A0FCFF) Hex(8CFBFF) Hex(A0CEFF) Hex(737F80) Hex(00B9BF) Hex(003E40)

	Hex(A0FCFF)	Hex(8CFBFF)	Hex(A0CEFF)	Hex(737F80)	Hex(00B9BF)	Hex(003E40)
Hex(A0FCFF)		Ratio: 1.03 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 10.13 Passed ⁶
Hex(8CFBFF)	Ratio: 1.03 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 9.85 Passed ⁶
Hex(A0CEFF)	Ratio: 1.40 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 7.24 Passed ⁶
Hex(737F80)	Ratio: 3.52 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 2.52 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(00B9BF)	Ratio: 2.06 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(003E40)	Ratio: 10.13 Passed ⁶	Ratio: 9.85 Passed ⁶	Ratio: 7.24 Passed ⁶	Ratio: 2.88 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴	

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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