

Converting Colors - WCAG Matrix

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

Hex(77FBFF) Hex(5CFDFF) Hex(77BAFF) Hex(737E80) Hex(00BDBF) Hex(004040)

	Hex(77FBFF)	Hex(5CFDFF)	Hex(77BAFF)	Hex(737E80)	Hex(00BDBF)	Hex(004040)
Hex(77FBFF)		Ratio: 1.00 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 9.42 Passed ⁶
Hex(5CFDFF)	Ratio: 1.00 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 9.38 Passed ⁶
Hex(77BAFF)	Ratio: 1.66 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(737E80)	Ratio: 3.39 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 2.04 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(00BDBF)	Ratio: 1.89 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(004040)	Ratio: 9.42 Passed ⁶	Ratio: 9.38 Passed ⁶	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 2.78 Failed ⁵	Ratio: 5.00 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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