

Converting Colors - WCAG Matrix

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

Hex(ADEEF0) Hex(A8FCFF) Hex(ADCDF0) Hex(6C7778) Hex(00B2B8) Hex(003638)

	Hex(ADEEF0)	Hex(A8FCFF)	Hex(ADCDF0)	Hex(6C7778)	Hex(00B2B8)	Hex(003638)
Hex(ADEEF0)		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 10.26 Passed ⁶
Hex(A8FCFF)	Ratio: 1.11 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 11.38 Passed ⁶
Hex(ADCDF0)	Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 8.06 Passed ⁶
Hex(6C7778)	Ratio: 3.58 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 2.81 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(00B2B8)	Ratio: 2.02 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(003638)	Ratio: 10.26 Passed ⁶	Ratio: 11.38 Passed ⁶	Ratio: 8.06 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 5.09 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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