

Converting Colors - WCAG Matrix

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

Hex(ACE1ED) Hex(ABEFFF) Hex(ACC1ED) Hex(6A7375) Hex(0094B5) Hex(002C36)

Hex(ACE1ED)		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 10.43 Passed ⁶
Hex(ABEFFF)	Ratio: 1.12 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 11.69 Passed ⁶
Hex(ACC1ED)	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 8.21 Passed ⁶
Hex(6A7375)	Ratio: 3.41 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 2.69 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(0094B5)	Ratio: 2.50 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 4.18 AA 18pt ²
Hex(002C36)	Ratio: 10.43 Passed ⁶	Ratio: 11.69 Passed ⁶	Ratio: 8.21 Passed ⁶	Ratio: 3.06 AA 18pt ²	Ratio: 4.18 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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