

Converting Colors - WCAG Matrix

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

Hex(C4E8ED) Hex(C9F7FF) Hex(C4D4ED) Hex(6B7578) Hex(00A1B8) Hex(003038)

	Hex(C4E8ED)	Hex(C9F7FF)	Hex(C4D4ED)	Hex(6B7578)	Hex(00A1B8)	Hex(003038)
Hex(C4E8ED)		Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 10.89 Passed ⁶
Hex(C9F7FF)	Ratio: 1.13 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 12.32 Passed ⁶
Hex(C4D4ED)	Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 9.45 Passed ⁶
Hex(6B7578)	Ratio: 3.63 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 3.15 AA 18pt ²		Ratio: 1.53 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(00A1B8)	Ratio: 2.37 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(003038)	Ratio: 10.89 Passed ⁶	Ratio: 12.32 Passed ⁶	Ratio: 9.45 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 4.59 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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