

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C6EBED) Hex(CCFDFF) Hex(C6D8ED) Hex(6A7575) Hex(00ACB5) Hex(003336)

Hex(C6EBED)		Ratio: 1.15 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 10.81 Passed ⁶
Hex(CCFDFF)	Ratio: 1.15 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 12.40 Passed ⁶
Hex(C6D8ED)	Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.27 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 9.46 Passed ⁶
Hex(6A7575)	Ratio: 3.74 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 3.27 AA 18pt ²		Ratio: 1.71 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(00ACB5)	Ratio: 2.18 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(003336)	Ratio: 10.81 Passed ⁶	Ratio: 12.40 Passed ⁶	Ratio: 9.46 Passed ⁶	Ratio: 2.89 Failed ⁵	Ratio: 4.96 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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