

Converting Colors - WCAG Matrix

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

Hex(C7ECF0) Hex(C9FAFF) Hex(C7D8F0) Hex(6C7778) Hex(00A6B8) Hex(003338)

	Hex(C7ECF0)	Hex(C9FAFF)	Hex(C7D8F0)	Hex(6C7778)	Hex(00A6B8)	Hex(003338)
Hex(C7ECF0)		Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 10.90 Passed ⁶
Hex(C9FAFF)	Ratio: 1.11 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 12.15 Passed ⁶
Hex(C7D8F0)	Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.19 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 9.48 Passed ⁶
Hex(6C7778)	Ratio: 3.67 AA 18pt ²	Ratio: 4.09 AA 18pt ²	Ratio: 3.19 AA 18pt ²		Ratio: 1.57 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(00A6B8)	Ratio: 2.33 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(003338)	Ratio: 10.90 Passed ⁶	Ratio: 12.15 Passed ⁶	Ratio: 9.48 Passed ⁶	Ratio: 2.97 Failed ⁵	Ratio: 4.67 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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