

Converting Colors - WCAG Matrix

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

Hex(C1DFE2) Hex(D1FBFF) Hex(C1CFE2) Hex(656F70) Hex(00A1B0) Hex(002C30)

	Hex(C1DFE2)	Hex(D1FBFF)	Hex(C1CFE2)	Hex(656F70)	Hex(00A1B0)	Hex(002C30)
Hex(C1DFE2)		Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 10.63 Passed ⁶
Hex(D1FBFF)	Ratio: 1.27 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵	Ratio: 13.51 Passed ⁶
Hex(C1CFE2)	Ratio: 1.12 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 3.27 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 9.47 Passed ⁶
Hex(656F70)	Ratio: 3.67 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²		Ratio: 1.66 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(00A1B0)	Ratio: 2.22 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(002C30)	Ratio: 10.63 Passed ⁶	Ratio: 13.51 Passed ⁶	Ratio: 9.47 Passed ⁶	Ratio: 2.89 Failed ⁵	Ratio: 4.79 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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