

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C6DCDB) Hex(E0FFFD) Hex(C6D3DC) Hex(636E6D) Hex(00ADA5) Hex(002E2C)

Hex(C6DCDB)		Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 10.27 Passed ⁶
Hex(E0FFFD)	Ratio: 1.36 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 2.64 Failed ⁵	Ratio: 13.94 Passed ⁶
Hex(C6D3DC)	Ratio: 1.07 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.45 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 9.64 Passed ⁶
Hex(636E6D)	Ratio: 3.68 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²		Ratio: 1.89 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(00ADA5)	Ratio: 1.95 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(002E2C)	Ratio: 10.27 Passed ⁶	Ratio: 13.94 Passed ⁶	Ratio: 9.64 Passed ⁶	Ratio: 2.79 Failed ⁵	Ratio: 5.27 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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