

Converting Colors - WCAG Matrix

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

Hex(C8E1E4) Hex(D9FBFF) Hex(C8D3E4) Hex(677273) Hex(00A0B3) Hex(002E33)

	Hex(C8E1E4)	Hex(D9FBFF)	Hex(C8D3E4)	Hex(677273)	Hex(00A0B3)	Hex(002E33)
Hex(C8E1E4)		Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 10.67 Passed ⁶
Hex(D9FBFF)	Ratio: 1.25 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 2.87 Failed ⁵	Ratio: 13.34 Passed ⁶
Hex(C8D3E4)	Ratio: 1.10 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 9.66 Passed ⁶
Hex(677273)	Ratio: 3.63 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²		Ratio: 1.58 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(00A0B3)	Ratio: 2.30 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(002E33)	Ratio: 10.67 Passed ⁶	Ratio: 13.34 Passed ⁶	Ratio: 9.66 Passed ⁶	Ratio: 2.94 Failed ⁵	Ratio: 4.64 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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