

Converting Colors - WCAG Matrix

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

Hex(9DBED1) Hex(B3E3FF) Hex(9DA5D1) Hex(5E6569) Hex(006BA8) Hex(001A29)

Hex(9DBED1)		Ratio: 1.43 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 9.09 Passed ⁶
Hex(B3E3FF)	Ratio: 1.43 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 13.01 Passed ⁶
Hex(9DA5D1)	Ratio: 1.23 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 7.40 Passed ⁶
Hex(5E6569)	Ratio: 3.03 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 2.47 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(006BA8)	Ratio: 2.92 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.11 AA 18pt ²
Hex(001A29)	Ratio: 9.09 Passed ⁶	Ratio: 13.01 Passed ⁶	Ratio: 7.40 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 3.11 AA 18pt ²	

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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