

Converting Colors - WCAG Matrix

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

Hex(ACC4D2) Hex(C7EAFF) Hex(ACB1D2) Hex(5E6569) Hex(006AA8) Hex(001A29)

	Hex(ACC4D2)	Hex(C7EAFF)	Hex(ACB1D2)	Hex(5E6569)	Hex(006AA8)	Hex(001A29)
Hex(ACC4D2)		Ratio: 1.44 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 9.82 Passed ⁶
Hex(C7EAFF)	Ratio: 1.44 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 14.11 Passed ⁶
Hex(ACB1D2)	Ratio: 1.16 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 8.45 Passed ⁶
Hex(5E6569)	Ratio: 3.27 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(006AA8)	Ratio: 3.19 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 2.75 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 3.07 AA 18pt ²
Hex(001A29)	Ratio: 9.82 Passed ⁶	Ratio: 14.11 Passed ⁶	Ratio: 8.45 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 3.07 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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