

Converting Colors - WCAG Matrix

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

Hex(A1E6FF) Hex(8FE1FF) Hex(A1B7FF) Hex(737C80) Hex(008CBF) Hex(002F40)

	Hex(A1E6FF)	Hex(8FE1FF)	Hex(A1B7FF)	Hex(737C80)	Hex(008CBF)	Hex(002F40)
Hex(A1E6FF)		Ratio: 1.06 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 10.32 Passed ⁶
Hex(8FE1FF)	Ratio: 1.06 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 9.71 Passed ⁶
Hex(A1B7FF)	Ratio: 1.42 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 7.25 Passed ⁶
Hex(737C80)	Ratio: 3.10 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(008CBF)	Ratio: 2.78 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.72 AA 18pt ²
Hex(002F40)	Ratio: 10.32 Passed ⁶	Ratio: 9.71 Passed ⁶	Ratio: 7.25 Passed ⁶	Ratio: 3.33 AA 18pt ²	Ratio: 3.72 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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