

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(8ACBFF) Hex(73C1FF) Hex(8A92FF) Hex(737A80) Hex(006ABF) Hex(002340)

	Hex(8ACBFF)	Hex(73C1FF)	Hex(8A92FF)	Hex(737A80)	Hex(006ABF)	Hex(002340)
Hex(8ACBFF)		Ratio: 1.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 9.18 Passed ⁶
Hex(73C1FF)	Ratio: 1.12 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 8.22 Passed ⁶
Hex(8A92FF)	Ratio: 1.58 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(737A80)	Ratio: 2.50 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(006ABF)	Ratio: 3.16 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(002340)	Ratio: 9.18 Passed ⁶	Ratio: 8.22 Passed ⁶	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.90 Failed ⁵	

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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