

Converting Colors - WCAG Matrix

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

Hex(AAE2FF) Hex(99DCFF) Hex(AAB8FF) Hex(737B80) Hex(007EBF) Hex(002A40)

	Hex(AAE2FF)	Hex(99DCFF)	Hex(AAB8FF)	Hex(737B80)	Hex(007EBF)	Hex(002A40)
Hex(AAE2FF)		Ratio: 1.07 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 10.70 Passed ⁶
Hex(99DCFF)	Ratio: 1.07 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 9.99 Passed ⁶
Hex(AAB8FF)	Ratio: 1.37 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 7.83 Passed ⁶
Hex(737B80)	Ratio: 3.08 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(007EBF)	Ratio: 3.17 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.37 AA 18pt ²
Hex(002A40)	Ratio: 10.70 Passed ⁶	Ratio: 9.99 Passed ⁶	Ratio: 7.83 Passed ⁶	Ratio: 3.47 AA 18pt ²	Ratio: 3.37 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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