

Converting Colors - WCAG Matrix

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

Hex(9CE1FF) Hex(87DBFF) Hex(9CAFFF) Hex(737C80) Hex(0086BF) Hex(002D40)

	Hex(9CE1FF)	Hex(87DBFF)	Hex(9CAFFF)	Hex(737C80)	Hex(0086BF)	Hex(002D40)
Hex(9CE1FF)		Ratio: 1.08 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 10.09 Passed ⁶
Hex(87DBFF)	Ratio: 1.08 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 9.39 Passed ⁶
Hex(9CAFFF)	Ratio: 1.46 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 6.89 AA ¹ AAA 18pt ⁴
Hex(737C80)	Ratio: 2.97 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(0086BF)	Ratio: 2.83 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.56 AA 18pt ²
Hex(002D40)	Ratio: 10.09 Passed ⁶	Ratio: 9.39 Passed ⁶	Ratio: 6.89 AA ¹ AAA 18pt ⁴	Ratio: 3.40 AA 18pt ²	Ratio: 3.56 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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