

Converting Colors - WCAG Matrix

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

Hex(00A6FF) Hex(0026FF) Hex(737B80) Hex(007CBF) Hex(002940)

	Hex(00A6FF)	Hex(0026FF)	Hex(737B80)	Hex(007CBF)	Hex(002940)
Hex(00A6FF)		Ratio: 2.90 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴
Hex(0026FF)	Ratio: 2.90 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(737B80)	Ratio: 1.62 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(007CBF)	Ratio: 1.70 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.33 AA 18pt ²
Hex(002940)	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 3.33 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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