

Converting Colors - WCAG Matrix

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

Hex(006FA5) Hex(00FFFF) Hex(00A6DC) Hex(00C2F9) Hex(00DFFF) Hex(00FDFF)

	Hex(006FA5)	Hex(00FFFF)	Hex(00A6DC)	Hex(00C2F9)	Hex(00DFFF)	Hex(00FDFF)
Hex(006FA5)		Ratio: 4.39 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 4.32 AA 18pt ²
Hex(00FFFF)	Ratio: 4.39 AA 18pt ²		Ratio: 2.24 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(00A6DC)	Ratio: 1.96 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(00C2F9)	Ratio: 2.64 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(00DFFF)	Ratio: 3.41 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(00FDFF)	Ratio: 4.32 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 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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