

Converting Colors - WCAG Matrix

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

Hex(0097F3) Hex(009EFF) Hex(0020F3) Hex(6E767A) Hex(0074BA) Hex(00243B)

	Hex(0097F3)	Hex(009EFF)	Hex(0020F3)	Hex(6E767A)	Hex(0074BA)	Hex(00243B)
Hex(0097F3)		Ratio: 1.09 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(009EFF)	Ratio: 1.09 Failed ⁵		Ratio: 2.93 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴
Hex(0020F3)	Ratio: 2.69 Failed ⁵	Ratio: 2.93 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(6E767A)	Ratio: 1.48 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(0074BA)	Ratio: 1.60 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.20 AA 18pt ²
Hex(00243B)	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.90 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.20 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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