

Converting Colors - WCAG Matrix

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

Hex(0099F8) Hex(009EFF) Hex(0021F8) Hex(70787D) Hex(0075BD) Hex(00263D)

	Hex(0099F8)	Hex(009EFF)	Hex(0021F8)	Hex(70787D)	Hex(0075BD)	Hex(00263D)
Hex(0099F8)		Ratio: 1.06 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴
Hex(009EFF)	Ratio: 1.06 Failed ⁵		Ratio: 2.85 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴
Hex(0021F8)	Ratio: 2.69 Failed ⁵	Ratio: 2.85 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(70787D)	Ratio: 1.48 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(0075BD)	Ratio: 1.62 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 3.18 AA 18pt ²
Hex(00263D)	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.18 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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