

Converting Colors - WCAG Matrix

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

	Hex(0289AF)	Hex(FFFFFF)	Hex(5DBEE7)	Hex(7BDAFF)	Hex(99F7FF)	Hex(B7FFFF)	Hex(D5FFFF)	Hex(F4FFFF)
Hex(0289AF)		Ratio: 4.04 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 3.96 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.04 AA 18pt ²		Ratio: 2.10 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(5DBEE7)	Ratio: 1.92 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(7BDAFF)	Ratio: 2.56 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(99F7FF)	Ratio: 3.29 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(B7FFFF)	Ratio: 3.61 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D5FFFF)	Ratio: 3.76 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F4FFFF)	Ratio: 3.96 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 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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