

Converting Colors - WCAG Matrix

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

	Hex(008F91)	Hex(FFFFFF)	Hex(58C5C7)	Hex(76E1E3)	Hex(93FFFF)	Hex(B1FFFF)	Hex(CEFFFD)	Hex(ECFFFD)
Hex(008F91)		Ratio: 3.93 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 3.80 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.93 AA 18pt ²		Ratio: 2.05 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(58C5C7)	Ratio: 1.92 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(76E1E3)	Ratio: 2.56 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(93FFFF)	Ratio: 3.37 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(B1FFFF)	Ratio: 3.49 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(CEFFFD)	Ratio: 3.62 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(ECFFFD)	Ratio: 3.80 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.09 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

Failed 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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