

Converting Colors - WCAG Matrix

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

	Hex(009E8F)	Hex(FFFFFF)	Hex(5AD5C5)	Hex(79F2E1)	Hex(97FFFD)	Hex(B5FFFF)	Hex(D2FFFF)	Hex(F1FFFF)
Hex(009E8F)		Ratio: 3.34 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.26 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.34 AA 18pt ²		Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(5AD5C5)	Ratio: 1.87 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(79F2E1)	Ratio: 2.48 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(97FFFD)	Ratio: 2.87 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(B5FFFF)	Ratio: 2.98 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(D2FFFF)	Ratio: 3.10 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F1FFFF)	Ratio: 3.26 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 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

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.

This PDF was generated on convertingcolors.com.