

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(00869E)	Hex(37A1B9)	Hex(58BCD5)	Hex(77D8F1)	Hex(94F4FF)	Hex(B2FFFF)	Hex(CFFFFFFF)	Hex(EDFFFF)	Hex(FFFFFF)
Hex(00869E)		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 4.28 AA 18pt ²
Hex(37A1B9)	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(58BCD5)	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(77D8F1)	Ratio: 2.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(94F4FF)	Ratio: 3.39 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(B2FFFF)	Ratio: 3.80 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(CFFFFFFF)	Ratio: 3.96 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(EDFFFF)	Ratio: 4.15 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFFFFF)	Ratio: 4.28 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 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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