

Converting Colors - WCAG Matrix

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

	Hex(00659B)	Hex(357EB6)	Hex(5598D2)	Hex(72B2EE)	Hex(8FCEFF)	Hex(ADEAFF)	Hex(CAFFFF)	Hex(E8FFFF)	Hex(FFFFFF)
Hex(00659B)		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(357EB6)	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 4.36 AA 18pt ²
Hex(5598D2)	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(72B2EE)	Ratio: 2.79 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(8FCEFF)	Ratio: 3.73 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(ADEAFF)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 3.32 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(CAFFFF)	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(E8FFFF)	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 4.19 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 4.36 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 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.