

Converting Colors - WCAG Matrix

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

	Hex(0777A2)	Hex(FFFFFF)	Hex(59ABD9)	Hex(77C7F6)	Hex(95E3FF)	Hex(B2FFFD)	Hex(CFFFFFFF)	Hex(EDFFFF)
Hex(0777A2)		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 2.54 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(59ABD9)	Ratio: 1.98 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(77C7F6)	Ratio: 2.71 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(95E3FF)	Ratio: 3.53 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(B2FFFD)	Ratio: 4.46 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(CFFFFFFF)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(EDFFFF)	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.38 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.