

Converting Colors - WCAG Matrix

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

Hex(8AC1DC) Hex(E3F6FF) Hex(8ADCA4) Hex(6F7A80) Hex(000000) Hex(808080)

	Hex(8AC1DC)	Hex(E3F6FF)	Hex(8ADCA4)	Hex(6F7A80)	Hex(000000)	Hex(808080)
Hex(8AC1DC)		Ratio: 1.76 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 10.74 Passed ⁶	Ratio: 2.02 Failed ⁵
Hex(E3F6FF)	Ratio: 1.76 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 18.89 Passed ⁶	Ratio: 3.55 AA 18pt ²
Hex(8ADCA4)	Ratio: 1.20 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 12.85 Passed ⁶	Ratio: 2.42 Failed ⁵
Hex(6F7A80)	Ratio: 2.25 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.69 Failed ⁵		Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 10.74 Passed ⁶	Ratio: 18.89 Passed ⁶	Ratio: 12.85 Passed ⁶	Ratio: 4.77 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.02 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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.