

Converting Colors - WCAG Matrix

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

Hex(A6F8F9) Hex(E6FFFF) Hex(A6F9A6) Hex(707F80) Hex(000000) Hex(808080)

	Hex(A6F8F9)	Hex(E6FFFF)	Hex(A6F9A6)	Hex(707F80)	Hex(000000)	Hex(808080)
Hex(A6F8F9)		Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 17.42 Passed ⁶	Ratio: 3.28 AA 18pt ²
Hex(E6FFFF)	Ratio: 1.15 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 20.11 Passed ⁶	Ratio: 3.78 AA 18pt ²
Hex(A6F9A6)	Ratio: 1.04 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.32 AA 18pt ²	Ratio: 16.72 Passed ⁶	Ratio: 3.14 AA 18pt ²
Hex(707F80)	Ratio: 3.46 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.32 AA 18pt ²		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 17.42 Passed ⁶	Ratio: 20.11 Passed ⁶	Ratio: 16.72 Passed ⁶	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.28 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 1.06 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.

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