

Converting Colors - WCAG Matrix

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

Hex(30C7C7) Hex(C4FFFF) Hex(30C730) Hex(5C8080) Hex(000000) Hex(808080)

	Hex(30C7C7)	Hex(C4FFFF)	Hex(30C730)	Hex(5C8080)	Hex(000000)	Hex(808080)
Hex(30C7C7)		Ratio: 1.89 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 10.12 Passed ⁶	Ratio: 1.90 Failed ⁵
Hex(C4FFFF)	Ratio: 1.89 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 19.10 Passed ⁶	Ratio: 3.59 AA 18pt ²
Hex(30C730)	Ratio: 1.08 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 9.34 Passed ⁶	Ratio: 1.76 Failed ⁵
Hex(5C8080)	Ratio: 2.08 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.92 Failed ⁵		Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 10.12 Passed ⁶	Ratio: 19.10 Passed ⁶	Ratio: 9.34 Passed ⁶	Ratio: 4.85 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.90 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 1.10 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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