

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C5C8F3) Hex(F0F1FF) Hex(C5F3F0) Hex(777780) Hex(000000) Hex(808080)

Hex(C5C8F3)		Ratio: 1.45 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 12.93 Passed ⁶	Ratio: 2.43 Failed ⁵
Hex(F0F1FF)	Ratio: 1.45 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 18.73 Passed ⁶	Ratio: 3.52 AA 18pt ²
Hex(C5F3F0)	Ratio: 1.35 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 17.45 Passed ⁶	Ratio: 3.28 AA 18pt ²
Hex(777780)	Ratio: 2.73 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 3.69 AA 18pt ²		Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 12.93 Passed ⁶	Ratio: 18.73 Passed ⁶	Ratio: 17.45 Passed ⁶	Ratio: 4.73 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.43 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 1.12 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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