

Converting Colors - WCAG Matrix

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

Hex(C7FFFF) Hex(EDFFFF) Hex(C7FFC7) Hex(758080) Hex(000000) Hex(808080)

	Hex(C7FFFF)	Hex(EDFFFF)	Hex(C7FFC7)	Hex(758080)	Hex(000000)	Hex(808080)
Hex(C7FFFF)		Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 19.18 Passed ⁶	Ratio: 3.61 AA 18pt ²
Hex(EDFFFF)	Ratio: 1.06 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.35 Passed ⁶	Ratio: 3.83 AA 18pt ²
Hex(C7FFC7)	Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 3.60 AA 18pt ²	Ratio: 18.56 Passed ⁶	Ratio: 3.49 AA 18pt ²
Hex(758080)	Ratio: 3.72 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.60 AA 18pt ²		Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 19.18 Passed ⁶	Ratio: 20.35 Passed ⁶	Ratio: 18.56 Passed ⁶	Ratio: 5.16 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.61 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 1.03 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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