

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(AAFFE3) Hex(E6FFF7) Hex(C6FFAA) Hex(70807B) Hex(000000) Hex(808080)

Hex(AAFFE3)		Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 18.12 Passed ⁶	Ratio: 3.41 AA 18pt ²
Hex(E6FFF7)	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.01 Passed ⁶	Ratio: 3.76 AA 18pt ²
Hex(C6FFAA)	Ratio: 1.01 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 3.61 AA 18pt ²	Ratio: 18.29 Passed ⁶	Ratio: 3.44 AA 18pt ²
Hex(70807B)	Ratio: 3.58 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.61 AA 18pt ²		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 18.12 Passed ⁶	Ratio: 20.01 Passed ⁶	Ratio: 18.29 Passed ⁶	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.41 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 1.05 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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