

Converting Colors - WCAG Matrix

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

Hex(E3F1DA) Hex(FAFF7) Hex(F1E8DA) Hex(7C807A) Hex(000000) Hex(808080)

	Hex(E3F1DA)	Hex(FAFF7)	Hex(F1E8DA)	Hex(7C807A)	Hex(000000)	Hex(808080)
Hex(E3F1DA)		Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 17.86 Passed ⁶	Ratio: 3.36 AA 18pt ²
Hex(FAFF7)	Ratio: 1.16 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 20.71 Passed ⁶	Ratio: 3.90 AA 18pt ²
Hex(F1E8DA)	Ratio: 1.03 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.31 AA 18pt ²	Ratio: 17.30 Passed ⁶	Ratio: 3.25 AA 18pt ²
Hex(7C807A)	Ratio: 3.42 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 3.31 AA 18pt ²		Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 17.86 Passed ⁶	Ratio: 20.71 Passed ⁶	Ratio: 17.30 Passed ⁶	Ratio: 5.23 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.36 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 1.02 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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