

Converting Colors - WCAG Matrix

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

Hex(C8FDA1) Hex(EFFFE3) Hex(FDD5A1) Hex(76806F) Hex(000000) Hex(808080)

	Hex(C8FDA1)	Hex(EFFFE3)	Hex(FDD5A1)	Hex(76806F)	Hex(000000)	Hex(808080)
Hex(C8FDA1)		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 18.02 Passed ⁶	Ratio: 3.39 AA 18pt ²
Hex(EFFFE3)	Ratio: 1.11 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.08 Passed ⁶	Ratio: 3.78 AA 18pt ²
Hex(FDD5A1)	Ratio: 1.18 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.99 Failed ⁵	Ratio: 15.21 Passed ⁶	Ratio: 2.86 Failed ⁵
Hex(76806F)	Ratio: 3.54 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 2.99 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 18.02 Passed ⁶	Ratio: 20.08 Passed ⁶	Ratio: 15.21 Passed ⁶	Ratio: 5.09 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.39 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 2.86 Failed ⁵	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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