

Converting Colors - WCAG Matrix

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

Hex(C3FF4D) Hex(EDFFC9) Hex(FF884D) Hex(758060) Hex(FFFFFF) Hex(808080)

	Hex(C3FF4D)	Hex(EDFFC9)	Hex(FF884D)	Hex(758060)	Hex(FFFFFF)	Hex(808080)
Hex(C3FF4D)		Ratio: 1.11 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(EDFFC9)	Ratio: 1.11 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(FF884D)	Ratio: 2.00 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(758060)	Ratio: 3.54 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 1.77 Failed ⁵		Ratio: 4.19 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(FFFFFF)	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 4.19 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 3.33 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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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