

Converting Colors - WCAG Matrix

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

Hex(C3E184) Hex(D6FF80) Hex(95E184) Hex(6D7065) Hex(77B000) Hex(213000)

	Hex(C3E184)	Hex(D6FF80)	Hex(95E184)	Hex(6D7065)	Hex(77B000)	Hex(213000)
Hex(C3E184)		Ratio: 1.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 9.70 Passed ⁶
Hex(D6FF80)	Ratio: 1.28 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 12.42 Passed ⁶
Hex(95E184)	Ratio: 1.08 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.22 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 9.00 Passed ⁶
Hex(6D7065)	Ratio: 3.47 AA 18pt ²	Ratio: 4.45 AA 18pt ²	Ratio: 3.22 AA 18pt ²		Ratio: 1.92 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(77B000)	Ratio: 1.80 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(213000)	Ratio: 9.70 Passed ⁶	Ratio: 12.42 Passed ⁶	Ratio: 9.00 Passed ⁶	Ratio: 2.79 Failed ⁵	Ratio: 5.37 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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