

Converting Colors - WCAG Matrix

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

Hex(E8FFB6) Hex(E4FFA8) Hex(C5FFB6) Hex(7B8073) Hex(83BF00) Hex(2C4000)

	Hex(E8FFB6)	Hex(E4FFA8)	Hex(C5FFB6)	Hex(7B8073)	Hex(83BF00)	Hex(2C4000)
Hex(E8FFB6)		Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 10.55 Passed ⁶
Hex(E4FFA8)	Ratio: 1.01 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 10.42 Passed ⁶
Hex(C5FFB6)	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.54 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 9.97 Passed ⁶
Hex(7B8073)	Ratio: 3.75 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 3.54 AA 18pt ²		Ratio: 1.82 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(83BF00)	Ratio: 2.06 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(2C4000)	Ratio: 10.55 Passed ⁶	Ratio: 10.42 Passed ⁶	Ratio: 9.97 Passed ⁶	Ratio: 2.81 Failed ⁵	Ratio: 5.12 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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