

Converting Colors - WCAG Matrix

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

Hex(C0EB05) Hex(F1FFB5) Hex(EB2F05) Hex(778053) Hex(000000) Hex(808080)

	Hex(C0EB05)	Hex(F1FFB5)	Hex(EB2F05)	Hex(778053)	Hex(000000)	Hex(808080)
Hex(C0EB05)		Ratio: 1.30 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 15.13 Passed ⁶	Ratio: 2.84 Failed ⁵
Hex(F1FFB5)	Ratio: 1.30 Failed ⁵		Ratio: 3.99 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 19.71 Passed ⁶	Ratio: 3.71 AA 18pt ²
Hex(EB2F05)	Ratio: 3.06 AA 18pt ²	Ratio: 3.99 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(778053)	Ratio: 3.03 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 15.13 Passed ⁶	Ratio: 19.71 Passed ⁶	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 5.00 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.84 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.06 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.

This PDF was generated on convertingcolors.com.