

Converting Colors - WCAG Matrix

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

Hex(B8FF33) Hex(EAFFC2) Hex(FF7733) Hex(73805B) Hex(000000) Hex(808080)

	Hex(B8FF33)	Hex(EAFFC2)	Hex(FF7733)	Hex(73805B)	Hex(000000)	Hex(808080)
Hex(B8FF33)		Ratio: 1.13 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 17.39 Passed ⁶	Ratio: 3.27 AA 18pt ²
Hex(EAFFC2)	Ratio: 1.13 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.58 Passed ⁶	Ratio: 3.68 AA 18pt ²
Hex(FF7733)	Ratio: 2.19 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 7.94 Passed ⁶	Ratio: 1.49 Failed ⁵
Hex(73805B)	Ratio: 3.50 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 1.60 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 17.39 Passed ⁶	Ratio: 19.58 Passed ⁶	Ratio: 7.94 Passed ⁶	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.27 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.07 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.