

Converting Colors - WCAG Matrix

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

Hex(ABC60C) Hex(F5FFB8) Hex(C6250C) Hex(798054) Hex(000000) Hex(808080)

	Hex(ABC60C)	Hex(F5FFB8)	Hex(C6250C)	Hex(798054)	Hex(000000)	Hex(808080)
Hex(ABC60C)		Ratio: 1.84 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 10.81 Passed ⁶	Ratio: 2.03 Failed ⁵
Hex(F5FFB8)	Ratio: 1.84 Failed ⁵		Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 3.95 AA 18pt ²	Ratio: 19.88 Passed ⁶	Ratio: 3.74 AA 18pt ²
Hex(C6250C)	Ratio: 2.95 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴		Ratio: 1.37 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(798054)	Ratio: 2.15 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.37 Failed ⁵		Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 10.81 Passed ⁶	Ratio: 19.88 Passed ⁶	Ratio: 3.67 AA 18pt ²	Ratio: 5.03 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.03 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.45 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.

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