

Converting Colors - WCAG Matrix

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

Hex(51AD6A) Hex(BCE0C6) Hex(94AD51) Hex(5B7061) Hex(F0F0F0) Hex(707070)

	Hex(51AD6A)	Hex(BCE0C6)	Hex(94AD51)	Hex(5B7061)	Hex(F0F0F0)	Hex(707070)
Hex(51AD6A)		Ratio: 1.94 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(BCE0C6)	Ratio: 1.94 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(94AD51)	Ratio: 1.11 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(5B7061)	Ratio: 1.91 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(F0F0F0)	Ratio: 2.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.78 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.35 AA 18pt ²	

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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