

Converting Colors - WCAG Matrix

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

Hex(006805) Hex(5F8761) Hex(656800) Hex(2C452D) Hex(C4C4C4) Hex(454545)

	Hex(006805)	Hex(5F8761)	Hex(656800)	Hex(2C452D)	Hex(C4C4C4)	Hex(454545)
Hex(006805)		Ratio: 1.72 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(5F8761)	Ratio: 1.72 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(656800)	Ratio: 1.18 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(2C452D)	Ratio: 1.49 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(C4C4C4)	Ratio: 4.04 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.36 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.50 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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