

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(006902) Hex(5F875F) Hex(676900) Hex(2C452D) Hex(C4C4C4) Hex(454545)

	Hex(006902)	Hex(5F875F)	Hex(676900)	Hex(2C452D)	Hex(C4C4C4)	Hex(454545)
Hex(006902)		Ratio: 1.69 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(5F875F)	Ratio: 1.69 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(676900)	Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.64 Failed ⁵
Hex(2C452D)	Ratio: 1.51 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(C4C4C4)	Ratio: 3.98 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.38 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.64 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.