

Converting Colors - WCAG Matrix

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

Hex(4C754C) Hex(599959) Hex(4C7561) Hex(353B35) Hex(007A00) Hex(00FA00)

	Hex(4C754C)	Hex(599959)	Hex(4C7561)	Hex(353B35)	Hex(007A00)	Hex(00FA00)
Hex(4C754C)		Ratio: 1.55 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(599959)	Ratio: 1.55 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(4C7561)	Ratio: 1.02 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(353B35)	Ratio: 2.16 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.20 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 8.03 Passed ⁶
Hex(007A00)	Ratio: 1.05 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 3.88 AA 18pt ²
Hex(00FA00)	Ratio: 3.71 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 8.03 Passed ⁶	Ratio: 3.88 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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