

Converting Colors - WCAG Matrix

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

Hex(597540) Hex(6E9945) Hex(407540) Hex(383B36) Hex(3B7A00) Hex(78FA00)

	Hex(597540)	Hex(6E9945)	Hex(407540)	Hex(383B36)	Hex(3B7A00)	Hex(78FA00)
Hex(597540)		Ratio: 1.56 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(6E9945)	Ratio: 1.56 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(407540)	Ratio: 1.05 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.03 AA 18pt ²
Hex(383B36)	Ratio: 2.19 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.08 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.38 Passed ⁶
Hex(3B7A00)	Ratio: 1.02 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 3.90 AA 18pt ²
Hex(78FA00)	Ratio: 3.83 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 8.38 Passed ⁶	Ratio: 3.90 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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