

Converting Colors - WCAG Matrix

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

Hex(597349) Hex(6D9654) Hex(49734E) Hex(373B35) Hex(2F7A00) Hex(5FFA00)

	Hex(597349)	Hex(6D9654)	Hex(49734E)	Hex(373B35)	Hex(2F7A00)	Hex(5FFA00)
Hex(597349)		Ratio: 1.55 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(6D9654)	Ratio: 1.55 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(49734E)	Ratio: 1.03 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(373B35)	Ratio: 2.16 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.09 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 8.24 Passed ⁶
Hex(2F7A00)	Ratio: 1.02 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 3.88 AA 18pt ²
Hex(5FFA00)	Ratio: 3.82 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 8.24 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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