

Converting Colors - WCAG Matrix

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

Hex(5C7355) Hex(739668) Hex(55735D) Hex(363B35) Hex(1D7A00) Hex(3AFA00)

	Hex(5C7355)	Hex(739668)	Hex(55735D)	Hex(363B35)	Hex(1D7A00)	Hex(3AFA00)
Hex(5C7355)		Ratio: 1.56 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(739668)	Ratio: 1.56 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(55735D)	Ratio: 1.01 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(363B35)	Ratio: 2.20 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 8.10 Passed ⁶
Hex(1D7A00)	Ratio: 1.05 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 3.87 AA 18pt ²
Hex(3AFA00)	Ratio: 3.68 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 8.10 Passed ⁶	Ratio: 3.87 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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