

Converting Colors - WCAG Matrix

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

Hex(1F7337) Hex(129638) Hex(1F7361) Hex(353B36) Hex(007A23) Hex(00FA47)

	Hex(1F7337)	Hex(129638)	Hex(1F7361)	Hex(353B36)	Hex(007A23)	Hex(00FA47)
Hex(1F7337)		Ratio: 1.53 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.14 AA 18pt ²
Hex(129638)	Ratio: 1.53 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(1F7361)	Ratio: 1.03 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(353B36)	Ratio: 1.95 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 8.07 Passed ⁶
Hex(007A23)	Ratio: 1.07 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 3.88 AA 18pt ²
Hex(00FA47)	Ratio: 4.14 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 8.07 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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