

Converting Colors - WCAG Matrix

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

Hex(387500) Hex(499900) Hex(007502) Hex(383B35) Hex(3B7A00) Hex(78FA00)

	Hex(387500)	Hex(499900)	Hex(007502)	Hex(383B35)	Hex(3B7A00)	Hex(78FA00)
Hex(387500)		Ratio: 1.57 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.17 AA 18pt ²
Hex(499900)	Ratio: 1.57 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(007502)	Ratio: 1.05 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.36 AA 18pt ²
Hex(383B35)	Ratio: 2.01 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.92 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.39 Passed ⁶
Hex(3B7A00)	Ratio: 1.07 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 3.90 AA 18pt ²
Hex(78FA00)	Ratio: 4.17 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 8.39 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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