

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(50A700) Hex(68D900) Hex(00A703) Hex(50544C) Hex(479400) Hex(0A1400)

	Hex(50A700)	Hex(68D900)	Hex(00A703)	Hex(50544C)	Hex(479400)	Hex(0A1400)
Hex(50A700)		Ratio: 1.68 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(68D900)	Ratio: 1.68 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 10.34 Passed ⁶
Hex(00A703)	Ratio: 1.05 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.87 AA ¹ AAA 18pt ⁴
Hex(50544C)	Ratio: 2.53 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 2.41 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(479400)	Ratio: 1.25 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(0A1400)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 10.34 Passed ⁶	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	

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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