

Converting Colors - WCAG Matrix

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

Hex(00C803) Hex(00FF04) Hex(00C864) Hex(5A635A) Hex(00A302) Hex(002401)

	Hex(00C803)	Hex(00FF04)	Hex(00C864)	Hex(5A635A)	Hex(00A302)	Hex(002401)
Hex(00C803)		Ratio: 1.65 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 7.39 Passed ⁶
Hex(00FF04)	Ratio: 1.65 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 2.45 Failed ⁵	Ratio: 12.22 Passed ⁶
Hex(00C864)	Ratio: 1.02 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 7.54 Passed ⁶
Hex(5A635A)	Ratio: 2.75 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 2.81 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(00A302)	Ratio: 1.48 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(002401)	Ratio: 7.39 Passed ⁶	Ratio: 12.22 Passed ⁶	Ratio: 7.54 Passed ⁶	Ratio: 2.69 Failed ⁵	Ratio: 4.98 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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