

Converting Colors - WCAG Matrix

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

	Hex(3FA13F)	Hex(1C8625)	Hex(006C08)	Hex(005300)	Hex(003A00)	Hex(002500)	Hex(000000)
Hex(3FA13F)		Ratio: 1.42 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 6.38 AA ¹ AAA 18pt ⁴
Hex(1C8625)	Ratio: 1.42 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.49 AA 18pt ²
Hex(006C08)	Ratio: 2.03 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(005300)	Ratio: 2.85 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(003A00)	Ratio: 3.98 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(002500)	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.55 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.26 Failed ⁵
Hex(000000)	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 4.49 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.26 Failed ⁵	

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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