

Converting Colors - WCAG Matrix

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

Hex(00862F) Hex(006C16) Hex(005300) Hex(003A00) Hex(002400) Hex(000000)

	Hex(00862F)	Hex(006C16)	Hex(005300)	Hex(003A00)	Hex(002400)	Hex(000000)
Hex(00862F)		Ratio: 1.41 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.45 AA 18pt ²
Hex(006C16)	Ratio: 1.41 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(005300)	Ratio: 1.99 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(003A00)	Ratio: 2.77 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(002400)	Ratio: 3.55 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(000000)	Ratio: 4.45 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.25 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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