

Converting Colors - WCAG Matrix

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

	Hex(009E00)	Hex(008300)	Hex(006900)	Hex(004F00)	Hex(003700)	Hex(001F00)	Hex(000000)
Hex(009E00)		Ratio: 1.39 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(008300)	Ratio: 1.39 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.25 AA 18pt ²
Hex(006900)	Ratio: 1.95 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(004F00)	Ratio: 2.78 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(003700)	Ratio: 3.81 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(001F00)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 3.55 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 4.25 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.20 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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