

Converting Colors - WCAG Matrix

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

Hex(0A7A00) Hex(006100) Hex(004800) Hex(003100) Hex(001800) Hex(000000)

	Hex(0A7A00)	Hex(006100)	Hex(004800)	Hex(003100)	Hex(001800)	Hex(000000)
Hex(0A7A00)		Ratio: 1.40 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.80 AA 18pt ²
Hex(006100)	Ratio: 1.40 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(004800)	Ratio: 1.97 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(003100)	Ratio: 2.64 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(001800)	Ratio: 3.36 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 3.80 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.13 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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