

Converting Colors - WCAG Matrix

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

Hex(008502) Hex(00AD03) Hex(008543) Hex(3C423C) Hex(008202) Hex(000300)

Hex(008502)		Ratio: 1.60 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.30 AA 18pt ²
Hex(00AD03)	Ratio: 1.60 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 6.89 AA ¹ AAA 18pt ⁴
Hex(008543)	Ratio: 1.02 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.38 AA 18pt ²
Hex(3C423C)	Ratio: 2.14 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(008202)	Ratio: 1.04 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 4.14 AA 18pt ²
Hex(000300)	Ratio: 4.30 AA 18pt ²	Ratio: 6.89 AA ¹ AAA 18pt ⁴	Ratio: 4.38 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 4.14 AA 18pt ²	

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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