

Converting Colors - WCAG Matrix

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

Hex(006F00) Hex(669166) Hex(6F6F00) Hex(2F4A2F) Hex(C9C9C9) Hex(4A4A4A)

	Hex(006F00)	Hex(669166)	Hex(6F6F00)	Hex(2F4A2F)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(006F00)		Ratio: 1.77 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(669166)	Ratio: 1.77 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(6F6F00)	Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.67 Failed ⁵
Hex(2F4A2F)	Ratio: 1.53 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(C9C9C9)	Ratio: 3.87 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 5.92 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.38 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴	

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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