

Converting Colors - WCAG Matrix

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

Hex(006359) Hex(5B827E) Hex(0C6300) Hex(2A4240) Hex(C2C2C2) Hex(424242)

	Hex(006359)	Hex(5B827E)	Hex(0C6300)	Hex(2A4240)	Hex(C2C2C2)	Hex(424242)
Hex(006359)		Ratio: 1.69 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(5B827E)	Ratio: 1.69 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(0C6300)	Ratio: 1.05 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(2A4240)	Ratio: 1.50 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(C2C2C2)	Ratio: 4.03 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 6.04 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.40 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.64 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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