

Converting Colors - WCAG Matrix

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

Hex(000F69) Hex(60668A) Hex(006959) Hex(2C3045) Hex(C4C4C4) Hex(454545)

	Hex(000F69)	Hex(60668A)	Hex(006959)	Hex(2C3045)	Hex(C4C4C4)	Hex(454545)
Hex(000F69)		Ratio: 2.96 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 9.46 Passed ⁶	Ratio: 1.72 Failed ⁵
Hex(60668A)	Ratio: 2.96 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.72 Failed ⁵
Hex(006959)	Ratio: 2.49 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.44 Failed ⁵
Hex(2C3045)	Ratio: 1.27 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 7.45 Passed ⁶	Ratio: 1.36 Failed ⁵
Hex(C4C4C4)	Ratio: 9.46 Passed ⁶	Ratio: 3.20 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 7.45 Passed ⁶		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.72 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 5.50 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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