

Converting Colors - WCAG Matrix

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

Hex(00636A) Hex(60878A) Hex(006A05) Hex(2C4345) Hex(C4C4C4) Hex(454545)

	Hex(00636A)	Hex(60878A)	Hex(006A05)	Hex(2C4345)	Hex(C4C4C4)	Hex(454545)
Hex(00636A)		Ratio: 1.78 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(60878A)	Ratio: 1.78 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(006A05)	Ratio: 1.02 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(2C4345)	Ratio: 1.50 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(C4C4C4)	Ratio: 4.02 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.37 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.10 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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