

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(001C4A) Hex(444F61) Hex(004A2C) Hex(1F2630) Hex(B0B0B0) Hex(303030)

	Hex(001C4A)	Hex(444F61)	Hex(004A2C)	Hex(1F2630)	Hex(B0B0B0)	Hex(303030)
Hex(001C4A)		Ratio: 2.01 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 7.65 Passed ⁶	Ratio: 1.26 Failed ⁵
Hex(444F61)	Ratio: 2.01 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(004A2C)	Ratio: 1.59 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(1F2630)	Ratio: 1.09 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 7.03 Passed ⁶	Ratio: 1.15 Failed ⁵
Hex(B0B0B0)	Ratio: 7.65 Passed ⁶	Ratio: 3.82 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 7.03 Passed ⁶		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.26 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 6.09 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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