

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(002F6B) Hex(60728A) Hex(006B3B) Hex(2C3745) Hex(C4C4C4) Hex(454545)

	Hex(002F6B)	Hex(60728A)	Hex(006B3B)	Hex(2C3745)	Hex(C4C4C4)	Hex(454545)
Hex(002F6B)		Ratio: 2.64 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 7.44 Passed ⁶	Ratio: 1.35 Failed ⁵
Hex(60728A)	Ratio: 2.64 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(006B3B)	Ratio: 1.96 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(2C3745)	Ratio: 1.07 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(C4C4C4)	Ratio: 7.44 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 6.92 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.35 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.26 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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