

Converting Colors - WCAG Matrix

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

Hex(003266) Hex(5D7085) Hex(006633) Hex(2A3642) Hex(C2C2C2) Hex(424242)

	Hex(003266)	Hex(5D7085)	Hex(006633)	Hex(2A3642)	Hex(C2C2C2)	Hex(424242)
Hex(003266)		Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 7.15 Passed ⁶	Ratio: 1.27 Failed ⁵
Hex(5D7085)	Ratio: 2.50 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(006633)	Ratio: 1.79 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(2A3642)	Ratio: 1.03 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(C2C2C2)	Ratio: 7.15 Passed ⁶	Ratio: 2.86 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 6.92 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.27 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.23 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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