

Converting Colors - WCAG Matrix

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

Hex(5A7272) Hex(42595A) Hex(2B4242) Hex(162C2C) Hex(001818) Hex(000000)

	Hex(5A7272)	Hex(42595A)	Hex(2B4242)	Hex(162C2C)	Hex(001818)	Hex(000000)
Hex(5A7272)		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 4.08 AA 18pt ²
Hex(42595A)	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(2B4242)	Ratio: 2.08 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(162C2C)	Ratio: 2.85 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(001818)	Ratio: 3.57 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 4.08 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.14 Failed ⁵	

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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