

Converting Colors - WCAG Matrix

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

Hex(5D7473) Hex(455B5A) Hex(2E4443) Hex(192E2D) Hex(011918) Hex(000000)

	Hex(5D7473)	Hex(455B5A)	Hex(2E4443)	Hex(192E2D)	Hex(011918)	Hex(000000)
Hex(5D7473)		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.21 AA 18pt ²
Hex(455B5A)	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(2E4443)	Ratio: 2.08 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(192E2D)	Ratio: 2.86 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(011918)	Ratio: 3.65 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(000000)	Ratio: 4.21 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.15 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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