

Converting Colors - WCAG Matrix

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

Hex(535D70) Hex(3B4558) Hex(252F40) Hex(101B2A) Hex(000116) Hex(000000)

	Hex(535D70)	Hex(3B4558)	Hex(252F40)	Hex(101B2A)	Hex(000116)	Hex(000000)
Hex(535D70)		Ratio: 1.45 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.17 AA 18pt ²
Hex(3B4558)	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(252F40)	Ratio: 2.03 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(101B2A)	Ratio: 2.61 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(000116)	Ratio: 3.12 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 3.17 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.02 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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