

Converting Colors - WCAG Matrix

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

Hex(3A4A61) Hex(233349) Hex(0C1E32) Hex(00041E) Hex(000000)

	Hex(3A4A61)	Hex(233349)	Hex(0C1E32)	Hex(00041E)	Hex(000000)
Hex(3A4A61)		Ratio: 1.42 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(233349)	Ratio: 1.42 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(0C1E32)	Ratio: 1.87 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(00041E)	Ratio: 2.25 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 2.33 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.04 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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