

Converting Colors - WCAG Matrix

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

Hex(112151) Hex(051E69) Hex(211151) Hex(252629) Hex(001A69) Hex(003AE8)

Hex(112151)		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(051E69)	Ratio: 1.03 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(211151)	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(252629)	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(001A69)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	
Hex(003AE8)	Ratio: 2.04 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.05 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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