

Converting Colors - WCAG Matrix

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

Hex(0D1D4F) Hex(001966) Hex(1D0D4F) Hex(252629) Hex(001A69) Hex(003AE8)

	Hex(0D1D4F)	Hex(001966)	Hex(1D0D4F)	Hex(252629)	Hex(001A69)	Hex(003AE8)
Hex(0D1D4F)		Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(001966)	Ratio: 1.02 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(1D0D4F)	Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(252629)	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(001A69)	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.05 Failed ⁵
Hex(003AE8)	Ratio: 2.12 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.27 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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