

Converting Colors - WCAG Matrix

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

Hex(10232A) Hex(0E2B36) Hex(10162A) Hex(121414) Hex(003D54) Hex(009BD4)

	Hex(10232A)	Hex(0E2B36)	Hex(10162A)	Hex(121414)	Hex(003D54)	Hex(009BD4)
Hex(10232A)		Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(0E2B36)	Ratio: 1.09 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(10162A)	Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(121414)	Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴
Hex(003D54)	Ratio: 1.39 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 3.70 AA 18pt ²
Hex(009BD4)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 3.70 AA 18pt ²	

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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