

Converting Colors - WCAG Matrix

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

Hex(1E2E4D) Hex(1B3563) Hex(241E4D) Hex(222326) Hex(002566) Hex(0055E6)

Hex(1E2E4D)		Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(1B3563)	Ratio: 1.12 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(241E4D)	Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(222326)	Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(002566)	Ratio: 1.07 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	
Hex(0055E6)	Ratio: 2.22 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.36 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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