

Converting Colors - WCAG Matrix

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

Hex(2E3C4D) Hex(344963) Hex(2F2E4D) Hex(222426) Hex(002E66) Hex(0068E6)

	Hex(2E3C4D)	Hex(344963)	Hex(2F2E4D)	Hex(222426)	Hex(002E66)	Hex(0068E6)
Hex(2E3C4D)		Ratio: 1.22 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(344963)	Ratio: 1.22 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(2F2E4D)	Ratio: 1.15 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(222426)	Ratio: 1.39 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(002E66)	Ratio: 1.18 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(0068E6)	Ratio: 2.21 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.61 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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