

Converting Colors - WCAG Matrix

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

Hex(2E4E6C) Hex(2B5D8C) Hex(2E2F6C) Hex(303336) Hex(003D75) Hex(007EF5)

	Hex(2E4E6C)	Hex(2B5D8C)	Hex(2E2F6C)	Hex(303336)	Hex(003D75)	Hex(007EF5)
Hex(2E4E6C)		Ratio: 1.26 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(2B5D8C)	Ratio: 1.26 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(2E2F6C)	Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(303336)	Ratio: 1.47 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(003D75)	Ratio: 1.26 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(007EF5)	Ratio: 2.19 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 2.76 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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