

Converting Colors - WCAG Matrix

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

Hex(303F4A) Hex(384F61) Hex(30324A) Hex(222526) Hex(003A66) Hex(0083E6)

Hex(303F4A)		Ratio: 1.27 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(384F61)	Ratio: 1.27 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(30324A)	Ratio: 1.15 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(222526)	Ratio: 1.42 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(003A66)	Ratio: 1.08 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.32 Failed ⁵	
Hex(0083E6)	Ratio: 2.78 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 3.00 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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