

Converting Colors - WCAG Matrix

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

Hex(0E3658) Hex(003E73) Hex(0E1258) Hex(27292B) Hex(003A6B) Hex(007FEB)

	Hex(0E3658)	Hex(003E73)	Hex(0E1258)	Hex(27292B)	Hex(003A6B)	Hex(007FEB)
Hex(0E3658)		Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(003E73)	Ratio: 1.15 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(0E1258)		Ratio: 1.55 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 4.20 AA 18pt ²
Hex(27292B)	Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(003A6B)	Ratio: 1.08 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(007FEB)	Ratio: 3.10 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 2.88 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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