

Converting Colors - WCAG Matrix

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

Hex(01345C) Hex(004378) Hex(01075C) Hex(292C2E) Hex(003E6E) Hex(0085ED)

	Hex(01345C)	Hex(004378)	Hex(01075C)	Hex(292C2E)	Hex(003E6E)	Hex(0085ED)
Hex(01345C)		Ratio: 1.26 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(004378)	Ratio: 1.26 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(01075C)	Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(292C2E)	Ratio: 1.10 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(003E6E)	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(0085ED)	Ratio: 3.39 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.73 AA 18pt ²	Ratio: 2.91 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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