

Converting Colors - WCAG Matrix

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

Hex(01455E) Hex(002F46) Hex(001A30) Hex(00011B) Hex(000000)

	Hex(01455E)	Hex(002F46)	Hex(001A30)	Hex(00011B)	Hex(000000)
Hex(01455E)		Ratio: 1.35 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(002F46)	Ratio: 1.35 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(001A30)	Ratio: 1.69 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(00011B)	Ratio: 1.97 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 2.01 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.02 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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