

Converting Colors - WCAG Matrix

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

Hex(4B5D6A) Hex(5A758A) Hex(4B4E6A) Hex(303336) Hex(004475) Hex(008EF5)

	Hex(4B5D6A)	Hex(5A758A)	Hex(4B4E6A)	Hex(303336)	Hex(004475)	Hex(008EF5)
Hex(4B5D6A)		Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(5A758A)	Ratio: 1.41 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(4B4E6A)	Ratio: 1.18 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(303336)	Ratio: 1.86 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(004475)	Ratio: 1.47 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(008EF5)	Ratio: 2.01 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.97 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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