

Converting Colors - WCAG Matrix

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

Hex(244864) Hex(1E5782) Hex(242964) Hex(2E3133) Hex(004173) Hex(008AF2)

	Hex(244864)	Hex(1E5782)	Hex(242964)	Hex(2E3133)	Hex(004173)	Hex(008AF2)
Hex(244864)		Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(1E5782)	Ratio: 1.25 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(242964)	Ratio: 1.39 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(2E3133)	Ratio: 1.36 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(004173)	Ratio: 1.09 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.95 Failed ⁵
Hex(008AF2)	Ratio: 2.71 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 2.95 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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