

Converting Colors - WCAG Matrix

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

Hex(282B32) Hex(303540) Hex(2A2832) Hex(171819) Hex(001B59) Hex(0041D9)

	Hex(282B32)	Hex(303540)	Hex(2A2832)	Hex(171819)	Hex(001B59)	Hex(0041D9)
Hex(282B32)		Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(303540)	Ratio: 1.15 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(2A2832)	Ratio: 1.02 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(171819)	Ratio: 1.25 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(001B59)	Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(0041D9)	Ratio: 1.86 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.12 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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