

Converting Colors - WCAG Matrix

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

Hex(1D385A) Hex(164075) Hex(201D5A) Hex(292B2E) Hex(00316E) Hex(0069ED)

	Hex(1D385A)	Hex(164075)	Hex(201D5A)	Hex(292B2E)	Hex(00316E)	Hex(0069ED)
Hex(1D385A)		Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(164075)	Ratio: 1.15 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(201D5A)	Ratio: 1.27 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(292B2E)	Ratio: 1.19 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(00316E)	Ratio: 1.06 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(0069ED)	Ratio: 2.40 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.55 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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