

Converting Colors - WCAG Matrix

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

Hex(20376E) Hex(153A8F) Hex(2F206E) Hex(303236) Hex(002375) Hex(0049F5)

Hex(20376E)		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(153A8F)	Ratio: 1.11 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(2F206E)	Ratio: 1.18 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(303236)	Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(002375)	Ratio: 1.22 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	
Hex(0049F5)	Ratio: 1.78 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.19 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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