

Converting Colors - WCAG Matrix

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

Hex(20315E) Hex(1A347A) Hex(2E205E) Hex(2C2D30) Hex(001F70) Hex(0041F0)

	Hex(20315E)	Hex(1A347A)	Hex(2E205E)	Hex(2C2D30)	Hex(001F70)	Hex(0041F0)
Hex(20315E)		Ratio: 1.09 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(1A347A)	Ratio: 1.09 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(2E205E)	Ratio: 1.12 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(2C2D30)	Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(001F70)	Ratio: 1.16 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.11 Failed ⁵
Hex(0041F0)	Ratio: 1.81 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.11 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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