

Converting Colors - WCAG Matrix

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

Hex(001A70) Hex(002291) Hex(1C0070) Hex(323438) Hex(001C78) Hex(003AF7)

Hex(001A70)		Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(002291)	Ratio: 1.19 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(1C0070)	Ratio: 1.08 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(323438)	Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(001C78)	Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.05 Failed ⁵
Hex(003AF7)	Ratio: 2.13 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.05 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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