

Converting Colors - WCAG Matrix

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

Hex(132160) Hex(051B7D) Hex(2B1360) Hex(2C2C30) Hex(001470) Hex(002CF0)

	Hex(132160)	Hex(051B7D)	Hex(2B1360)	Hex(2C2C30)	Hex(001470)	Hex(002CF0)
Hex(132160)		Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(051B7D)	Ratio: 1.03 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(2B1360)	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(2C2C30)	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(001470)	Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.96 Failed ⁵
Hex(002CF0)	Ratio: 1.85 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.96 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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