

Converting Colors - WCAG Matrix

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

Hex(1B0073) Hex(230096) Hex(540073) Hex(36353B) Hex(1D007A) Hex(3B00FA)

	Hex(1B0073)	Hex(230096)	Hex(540073)	Hex(36353B)	Hex(1D007A)	Hex(3B00FA)
Hex(1B0073)		Ratio: 1.17 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(230096)	Ratio: 1.17 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(540073)	Ratio: 1.26 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(36353B)	Ratio: 1.34 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(1D007A)	Ratio: 1.03 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(3B00FA)	Ratio: 1.98 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.92 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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