

Converting Colors - WCAG Matrix

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

Hex(500564) Hex(670082) Hex(640549) Hex(322E33) Hex(5B0073) Hex(BF00F2)

	Hex(500564)	Hex(670082)	Hex(640549)	Hex(322E33)	Hex(5B0073)	Hex(BF00F2)
Hex(500564)		Ratio: 1.23 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(670082)	Ratio: 1.23 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(640549)	Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(322E33)	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(5B0073)	Ratio: 1.09 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(BF00F2)	Ratio: 2.91 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.66 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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