

Converting Colors - WCAG Matrix

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

Hex(240039) Hex(2F004A) Hex(390032) Hex(1B191C) Hex(3A005C) Hex(8B00DB)

	Hex(240039)	Hex(2F004A)	Hex(390032)	Hex(1B191C)	Hex(3A005C)	Hex(8B00DB)
Hex(240039)		Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(2F004A)	Ratio: 1.08 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(390032)	Ratio: 1.08 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(1B191C)	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(3A005C)	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.34 Failed ⁵
Hex(8B00DB)	Ratio: 2.75 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.34 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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