

Converting Colors - WCAG Matrix

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

Hex(5E4067) Hex(794A87) Hex(67405D) Hex(322E33) Hex(580073) Hex(BA00F2)

	Hex(5E4067)	Hex(794A87)	Hex(67405D)	Hex(322E33)	Hex(580073)	Hex(BA00F2)
Hex(5E4067)		Ratio: 1.31 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(794A87)	Ratio: 1.31 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(67405D)	Ratio: 1.03 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(322E33)	Ratio: 1.53 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(580073)	Ratio: 1.45 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(BA00F2)	Ratio: 1.82 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.63 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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