

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E873D9) Hex(FF63EB) Hex(E873A1) Hex(756B73) Hex(B5009E) Hex(36002E)

	Hex(E873D9)	Hex(FF63EB)	Hex(E873A1)	Hex(756B73)	Hex(B5009E)	Hex(36002E)
Hex(E873D9)		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 6.59 AA ¹ AAA 18pt ⁴
Hex(FF63EB)	Ratio: 1.04 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 6.88 AA ¹ AAA 18pt ⁴
Hex(E873A1)	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 6.18 AA ¹ AAA 18pt ⁴
Hex(756B73)	Ratio: 1.92 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(B5009E)	Ratio: 2.28 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(36002E)	Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 2.89 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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