

Converting Colors - WCAG Matrix

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

Hex(E700CD) Hex(FF00E2) Hex(E78B00) Hex(736771) Hex(B3009E) Hex(33002D)

	Hex(E700CD)	Hex(FF00E2)	Hex(E78B00)	Hex(736771)	Hex(B3009E)	Hex(33002D)
Hex(E700CD)		Ratio: 1.20 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(FF00E2)	Ratio: 1.20 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(E78B00)	Ratio: 1.53 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 6.86 AA ¹ AAA 18pt ⁴
Hex(736771)	Ratio: 1.35 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(B3009E)	Ratio: 1.55 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(33002D)	Ratio: 4.48 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 3.32 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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