

Converting Colors - WCAG Matrix

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

Hex(EF36FF) Hex(EB0DFF) Hex(FF36AB) Hex(7E7380) Hex(AF00BF) Hex(3A0040)

	Hex(EF36FF)	Hex(EB0DFF)	Hex(FF36AB)	Hex(7E7380)	Hex(AF00BF)	Hex(3A0040)
Hex(EF36FF)		Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(EB0DFF)	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(FF36AB)	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(7E7380)	Ratio: 1.42 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(AF00BF)	Ratio: 1.85 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(3A0040)	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	Ratio: 2.85 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.

This PDF was generated on convertingcolors.com.