

Converting Colors - WCAG Matrix

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

Hex(EB71D5) Hex(FF61E3) Hex(EBC271) Hex(756A73) Hex(B50095) Hex(36002C)

	Hex(EB71D5)	Hex(FF61E3)	Hex(EBC271)	Hex(756A73)	Hex(B50095)	Hex(36002C)
Hex(EB71D5)		Ratio: 1.03 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 6.58 AA ¹ AAA 18pt ⁴
Hex(FF61E3)	Ratio: 1.03 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 6.76 AA ¹ AAA 18pt ⁴
Hex(EBC271)	Ratio: 1.59 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 3.07 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 10.47 Passed ⁶
Hex(756A73)	Ratio: 1.93 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 3.07 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(B50095)	Ratio: 2.31 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(36002C)	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 10.47 Passed ⁶	Ratio: 3.41 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.

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