

Converting Colors - WCAG Matrix

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

Hex(E4789F) Hex(FF6EA2) Hex(78E486) Hex(73676B) Hex(B20040) Hex(330012)

	Hex(E4789F)	Hex(FF6EA2)	Hex(78E486)	Hex(73676B)	Hex(B20040)	Hex(330012)
Hex(E4789F)		Ratio: 1.07 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴
Hex(FF6EA2)	Ratio: 1.07 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴
Hex(78E486)	Ratio: 1.77 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 3.41 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 11.52 Passed ⁶
Hex(73676B)	Ratio: 1.93 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 3.41 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B20040)	Ratio: 2.52 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(330012)	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 11.52 Passed ⁶	Ratio: 3.38 AA 18pt ²	Ratio: 2.58 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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