

Converting Colors - WCAG Matrix

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

Hex(EF9BD1) Hex(FF94DA) Hex(EE09B) Hex(786C74) Hex(B80077) Hex(380025)

	Hex(EF9BD1)	Hex(FF94DA)	Hex(EE09B)	Hex(786C74)	Hex(B80077)	Hex(380025)
Hex(EF9BD1)		Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 8.57 Passed ⁶
Hex(FF94DA)	Ratio: 1.02 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 8.79 Passed ⁶
Hex(EE09B)	Ratio: 1.54 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 3.76 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 13.20 Passed ⁶
Hex(786C74)	Ratio: 2.44 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.76 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(B80077)	Ratio: 3.10 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(380025)	Ratio: 8.57 Passed ⁶	Ratio: 8.79 Passed ⁶	Ratio: 13.20 Passed ⁶	Ratio: 3.51 AA 18pt ²	Ratio: 2.77 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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