

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(EF87D4) Hex(FF7ADE) Hex(87EED4) Hex(786C75) Hex(B80089) Hex(38002A)

Hex(EF87D4)		Ratio: 1.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 7.53 Passed ⁶
Hex(FF7ADE)	Ratio: 1.00 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 7.57 Passed ⁶
Hex(87EED4)	Ratio: 1.68 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 4.47 AA 18pt ²	Ratio: 12.66 Passed ⁶
Hex(786C75)	Ratio: 2.15 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 3.62 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(B80089)	Ratio: 2.66 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 1.24 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(38002A)	Ratio: 7.53 Passed ⁶	Ratio: 7.57 Passed ⁶	Ratio: 12.66 Passed ⁶	Ratio: 3.50 AA 18pt ²	Ratio: 2.83 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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