

Converting Colors - WCAG Matrix

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

Hex(FFAAE5) Hex(FF99E1) Hex(AAFFEC) Hex(80737C) Hex(BF0086) Hex(40002D)

	Hex(FFAAE5)	Hex(FF99E1)	Hex(AAFFEC)	Hex(80737C)	Hex(BF0086)	Hex(40002D)
Hex(FFAAE5)		Ratio: 1.11 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 9.66 Passed ⁶
Hex(FF99E1)	Ratio: 1.11 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 8.68 Passed ⁶
Hex(AAFFEC)	Ratio: 1.50 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 14.51 Passed ⁶
Hex(80737C)	Ratio: 2.60 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 3.91 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(BF0086)	Ratio: 3.41 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(40002D)	Ratio: 9.66 Passed ⁶	Ratio: 8.68 Passed ⁶	Ratio: 14.51 Passed ⁶	Ratio: 3.71 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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