

Converting Colors - WCAG Matrix

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

Hex(FFAEDF) Hex(FF9ED9) Hex(B7FFAE) Hex(80737A) Hex(BF0074) Hex(400027)

	Hex(FFAEDF)	Hex(FF9ED9)	Hex(B7FFAE)	Hex(80737A)	Hex(BF0074)	Hex(400027)
Hex(FFAEDF)		Ratio: 1.11 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 9.92 Passed ⁶
Hex(FF9ED9)	Ratio: 1.11 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 8.94 Passed ⁶
Hex(B7FFAE)	Ratio: 1.45 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 3.85 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 14.38 Passed ⁶
Hex(80737A)	Ratio: 2.66 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 3.85 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(BF0074)	Ratio: 3.57 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(400027)	Ratio: 9.92 Passed ⁶	Ratio: 8.94 Passed ⁶	Ratio: 14.38 Passed ⁶	Ratio: 3.73 AA 18pt ²	Ratio: 2.78 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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