

Converting Colors - WCAG Matrix

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

Hex(FFAFDA) Hex(FF9ED2) Hex(AFFFFB) Hex(80737A) Hex(BF0067) Hex(400022)

	Hex(FFAFDA)	Hex(FF9ED2)	Hex(AFFFFB)	Hex(80737A)	Hex(BF0067)	Hex(400022)
Hex(FFAFDA)		Ratio: 1.12 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 9.99 Passed ⁶
Hex(FF9ED2)	Ratio: 1.12 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 8.92 Passed ⁶
Hex(AFFFFB)	Ratio: 1.49 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 3.98 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 14.92 Passed ⁶
Hex(80737A)	Ratio: 2.67 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.98 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(BF0067)	Ratio: 3.63 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(400022)	Ratio: 9.99 Passed ⁶	Ratio: 8.92 Passed ⁶	Ratio: 14.92 Passed ⁶	Ratio: 3.75 AA 18pt ²	Ratio: 2.75 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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