

Converting Colors - WCAG Matrix

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

Hex(FFADCD) Hex(FF9CC3) Hex(F7FFAD) Hex(807378) Hex(BF004C) Hex(400019)

	Hex(FFADCD)	Hex(FF9CC3)	Hex(F7FFAD)	Hex(807378)	Hex(BF004C)	Hex(400019)
Hex(FFADCD)		Ratio: 1.12 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 9.83 Passed ⁶
Hex(FF9CC3)	Ratio: 1.12 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 8.76 Passed ⁶
Hex(F7FFAD)	Ratio: 1.64 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 4.28 AA 18pt ²	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 16.12 Passed ⁶
Hex(807378)	Ratio: 2.61 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 4.28 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(BF004C)	Ratio: 3.65 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(400019)	Ratio: 9.83 Passed ⁶	Ratio: 8.76 Passed ⁶	Ratio: 16.12 Passed ⁶	Ratio: 3.77 AA 18pt ²	Ratio: 2.69 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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