

Converting Colors - WCAG Matrix

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

Hex(FFFAFA) Hex(FFF7F7) Hex(FFFCFA) Hex(807A7A) Hex(BF0001) Hex(400000)

	Hex(FFFAFA)	Hex(FFF7F7)	Hex(FFFCFA)	Hex(807A7A)	Hex(BF0001)	Hex(400000)
Hex(FFFAFA)		Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 16.67 Passed ⁶
Hex(FFF7F7)	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 16.34 Passed ⁶
Hex(FFFCFA)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 16.88 Passed ⁶
Hex(807A7A)	Ratio: 4.08 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 4.13 AA 18pt ²		Ratio: 1.55 Failed ⁵	Ratio: 4.09 AA 18pt ²
Hex(BF0001)	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 1.55 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400000)	Ratio: 16.67 Passed ⁶	Ratio: 16.34 Passed ⁶	Ratio: 16.88 Passed ⁶	Ratio: 4.09 AA 18pt ²	Ratio: 2.64 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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