

Converting Colors - WCAG Matrix

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

Hex(FFFAFD) Hex(FAFFFF) Hex(807D7E) Hex(BF006C) Hex(400024)

	Hex(FFFAFD)	Hex(FAFFFF)	Hex(807D7E)	Hex(BF006C)	Hex(400024)
Hex(FFFAFD)		Ratio: 1.02 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 16.36 Passed ⁶
Hex(FAFFFF)	Ratio: 1.02 Failed ⁵		Ratio: 4.04 AA 18pt ²	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 16.74 Passed ⁶
Hex(807D7E)	Ratio: 3.95 AA 18pt ²	Ratio: 4.04 AA 18pt ²		Ratio: 1.50 Failed ⁵	Ratio: 4.14 AA 18pt ²
Hex(BF006C)	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 1.50 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(400024)	Ratio: 16.36 Passed ⁶	Ratio: 16.74 Passed ⁶	Ratio: 4.14 AA 18pt ²	Ratio: 2.76 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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