

Converting Colors - WCAG Matrix

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

Hex(FFF7FB) Hex(FFF8F7) Hex(807A7D) Hex(BF0059) Hex(40001E)

Hex(FFF7FB)	Ratio: 1.00 Failed⁵	Ratio: 3.99 AA 18pt²	Ratio: 5.94 AA¹ AAA 18pt⁴	Ratio: 16.13 Passed⁶
Hex(FFF8F7)	Ratio: 1.00 Failed⁵		Ratio: 5.96 AA¹ AAA 18pt⁴	Ratio: 16.19 Passed⁶
Hex(807A7D)	Ratio: 3.99 AA 18pt²	Ratio: 4.01 AA 18pt²		Ratio: 4.04 AA 18pt²
Hex(BF0059)	Ratio: 5.94 AA¹ AAA 18pt⁴	Ratio: 5.96 AA¹ AAA 18pt⁴	Ratio: 1.49 Failed⁵	Ratio: 2.72 Failed⁵
Hex(40001E)	Ratio: 16.13 Passed⁶	Ratio: 16.19 Passed⁶	Ratio: 4.04 AA 18pt²	Ratio: 2.72 Failed⁵

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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