

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FF98C7) Hex(FF85BC) Hex(98FCFF) Hex(807379) Hex(BF0057) Hex(40001D)

	Hex(FF98C7)	Hex(FF85BC)	Hex(98FCFF)	Hex(807379)	Hex(BF0057)	Hex(40001D)
Hex(FF98C7)		Ratio: 1.13 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 8.55 Passed ⁶
Hex(FF85BC)	Ratio: 1.13 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 7.55 Passed ⁶
Hex(98FCFF)	Ratio: 1.68 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 3.81 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 14.33 Passed ⁶
Hex(807379)	Ratio: 2.27 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 3.81 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF0057)	Ratio: 3.15 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(40001D)	Ratio: 8.55 Passed ⁶	Ratio: 7.55 Passed ⁶	Ratio: 14.33 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.71 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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