

Converting Colors - WCAG Matrix

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

Hex(FFC9E0) Hex(FFBFDA) Hex(C9FBFF) Hex(807378) Hex(BF0051) Hex(40001B)

	Hex(FFC9E0)	Hex(FFBFDA)	Hex(C9FBFF)	Hex(807378)	Hex(BF0051)	Hex(40001B)
Hex(FFC9E0)		Ratio: 1.07 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 11.90 Passed ⁶
Hex(FFBFDA)	Ratio: 1.07 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 11.12 Passed ⁶
Hex(C9FBFF)	Ratio: 1.28 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 4.03 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 15.18 Passed ⁶
Hex(807378)	Ratio: 3.16 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 4.03 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF0051)	Ratio: 4.40 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(40001B)	Ratio: 11.90 Passed ⁶	Ratio: 11.12 Passed ⁶	Ratio: 15.18 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.70 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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