

Converting Colors - WCAG Matrix

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

Hex(FFB8D8) Hex(FFA8CF) Hex(B8FBFF) Hex(807378) Hex(BF0056) Hex(40001D)

	Hex(FFB8D8)	Hex(FFA8CF)	Hex(B8FBFF)	Hex(807378)	Hex(BF0056)	Hex(40001D)
Hex(FFB8D8)		Ratio: 1.11 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 10.60 Passed ⁶
Hex(FFA8CF)	Ratio: 1.11 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 9.51 Passed ⁶
Hex(B8FBFF)	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 3.94 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 14.79 Passed ⁶
Hex(807378)	Ratio: 2.82 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.94 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF0056)	Ratio: 3.91 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(40001D)	Ratio: 10.60 Passed ⁶	Ratio: 9.51 Passed ⁶	Ratio: 14.79 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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