

Converting Colors - WCAG Matrix

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

Hex(FFC7EC) Hex(FFBDE8) Hex(D0FFC7) Hex(80737B) Hex(BF007D) Hex(40002A)

	Hex(FFC7EC)	Hex(FFBDE8)	Hex(D0FFC7)	Hex(80737B)	Hex(BF007D)	Hex(40002A)
Hex(FFC7EC)		Ratio: 1.07 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 11.69 Passed ⁶
Hex(FFBDE8)	Ratio: 1.07 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 10.94 Passed ⁶
Hex(D0FFC7)	Ratio: 1.29 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 4.04 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 15.03 Passed ⁶
Hex(80737B)	Ratio: 3.14 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 4.04 AA 18pt ²		Ratio: 1.33 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(BF007D)	Ratio: 4.17 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(40002A)	Ratio: 11.69 Passed ⁶	Ratio: 10.94 Passed ⁶	Ratio: 15.03 Passed ⁶	Ratio: 3.72 AA 18pt ²	Ratio: 2.81 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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