

Converting Colors - WCAG Matrix

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

Hex(BF007A) Hex(F7ADDD) Hex(4300BF) Hex(7D506D) Hex(FCFCFC) Hex(7D7D7D)

	Hex(BF007A)	Hex(F7ADDD)	Hex(4300BF)	Hex(7D506D)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(BF007A)		Ratio: 3.43 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 1.46 Failed ⁵
Hex(F7ADDD)	Ratio: 3.43 AA 18pt ²		Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 3.70 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(4300BF)	Ratio: 1.76 Failed ⁵	Ratio: 6.02 AA ¹ AAA 18pt ⁴		Ratio: 1.63 Failed ⁵	Ratio: 10.28 Passed ⁶	Ratio: 2.56 Failed ⁵
Hex(7D506D)	Ratio: 1.08 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.63 Failed ⁵		Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.57 Failed ⁵
Hex(FCFCFC)	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 1.71 Failed ⁵	Ratio: 10.28 Passed ⁶	Ratio: 6.32 AA ¹ AAA 18pt ⁴		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.46 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 4.01 AA 18pt ²	

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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