

Converting Colors - WCAG Matrix

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

Hex(F9B6F3) Hex(FFADF8) Hex(B6F9DD) Hex(7D707C) Hex(BD00AC) Hex(3D0038)

	Hex(F9B6F3)	Hex(FFADF8)	Hex(B6F9DD)	Hex(7D707C)	Hex(BD00AC)	Hex(3D0038)
Hex(F9B6F3)		Ratio: 1.03 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 10.36 Passed ⁶
Hex(FFADF8)	Ratio: 1.03 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 10.02 Passed ⁶
Hex(B6F9DD)	Ratio: 1.35 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 3.92 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 14.00 Passed ⁶
Hex(7D707C)	Ratio: 2.90 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.92 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(BD00AC)	Ratio: 3.46 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵		Ratio: 2.99 Failed ⁵
Hex(3D0038)	Ratio: 10.36 Passed ⁶	Ratio: 10.02 Passed ⁶	Ratio: 14.00 Passed ⁶	Ratio: 3.57 AA 18pt ²	Ratio: 2.99 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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