

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FC8FB6) Hex(FF7AAA) Hex(FC9E8F) Hex(7D7075) Hex(BD0044) Hex(3D0016)

Hex(FC8FB6)		Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 8.05 Passed ⁶
Hex(FF7AAA)	Ratio: 1.13 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 7.12 Passed ⁶
Hex(FC9E8F)	Ratio: 1.07 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 8.62 Passed ⁶
Hex(7D7075)	Ratio: 2.19 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(BD0044)	Ratio: 3.00 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.37 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(3D0016)	Ratio: 8.05 Passed ⁶	Ratio: 7.12 Passed ⁶	Ratio: 8.62 Passed ⁶	Ratio: 3.67 AA 18pt ²	Ratio: 2.68 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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