

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FFB3C7) Hex(FFA3BC) Hex(FFC3B3) Hex(807376) Hex(BF0034) Hex(400011)

Hex(FFB3C7)		Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 10.22 Passed ⁶
Hex(FFA3BC)	Ratio: 1.12 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 9.15 Passed ⁶
Hex(FFC3B3)	Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 11.18 Passed ⁶
Hex(807376)	Ratio: 2.70 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.96 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(BF0034)	Ratio: 3.84 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(400011)	Ratio: 10.22 Passed ⁶	Ratio: 9.15 Passed ⁶	Ratio: 11.18 Passed ⁶	Ratio: 3.78 AA 18pt ²	Ratio: 2.66 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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