

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FFB5E7) Hex(FFA6E2) Hex(FFF1B5) Hex(80737B) Hex(BF0082) Hex(40002B)

Hex(FFB5E7)		Ratio: 1.10 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 10.39 Passed ⁶
Hex(FFA6E2)	Ratio: 1.10 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 9.42 Passed ⁶
Hex(FFF1B5)	Ratio: 1.42 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 3.97 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 14.77 Passed ⁶
Hex(80737B)	Ratio: 2.80 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.97 AA 18pt ²		Ratio: 1.32 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(BF0082)	Ratio: 3.68 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(40002B)	Ratio: 10.39 Passed ⁶	Ratio: 9.42 Passed ⁶	Ratio: 14.77 Passed ⁶	Ratio: 3.72 AA 18pt ²	Ratio: 2.82 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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