

Converting Colors - WCAG Matrix

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

Hex(FFB5F0) Hex(FFA6ED) Hex(FFE9B5) Hex(80737D) Hex(BF0099) Hex(400033)

	Hex(FFB5F0)	Hex(FFA6ED)	Hex(FFE9B5)	Hex(80737D)	Hex(BF0099)	Hex(400033)
Hex(FFB5F0)		Ratio: 1.10 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 10.36 Passed ⁶
Hex(FFA6ED)	Ratio: 1.10 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 9.42 Passed ⁶
Hex(FFE9B5)	Ratio: 1.34 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 3.77 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 13.88 Passed ⁶
Hex(80737D)	Ratio: 2.81 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.77 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(BF0099)	Ratio: 3.57 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(400033)	Ratio: 10.36 Passed ⁶	Ratio: 9.42 Passed ⁶	Ratio: 13.88 Passed ⁶	Ratio: 3.69 AA 18pt ²	Ratio: 2.90 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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