

Converting Colors - WCAG Matrix

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

Hex(F3B0E4) Hex(FFABEC) Hex(F3B0C3) Hex(7A6E78) Hex(BA0090) Hex(3B002E)

	Hex(F3B0E4)	Hex(FFABEC)	Hex(F3B0C3)	Hex(7A6E78)	Hex(BA0090)	Hex(3B002E)
Hex(F3B0E4)		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 9.91 Passed ⁶
Hex(FFABEC)	Ratio: 1.01 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 10.03 Passed ⁶
Hex(F3B0C3)	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 9.64 Passed ⁶
Hex(7A6E78)	Ratio: 2.80 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 2.73 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(BA0090)	Ratio: 3.48 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 1.24 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(3B002E)	Ratio: 9.91 Passed ⁶	Ratio: 10.03 Passed ⁶	Ratio: 9.64 Passed ⁶	Ratio: 3.53 AA 18pt ²	Ratio: 2.85 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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