

Converting Colors - WCAG Matrix

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

Hex(F2B1E5) Hex(FFADEF) Hex(F2B1C5) Hex(786C75) Hex(B80093) Hex(38002D)

	Hex(F2B1E5)	Hex(FFADEF)	Hex(F2B1C5)	Hex(786C75)	Hex(B80093)	Hex(38002D)
Hex(F2B1E5)		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 10.11 Passed ⁶
Hex(FFADEF)	Ratio: 1.02 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 10.34 Passed ⁶
Hex(F2B1C5)	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 9.84 Passed ⁶
Hex(786C75)	Ratio: 2.90 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.83 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(B80093)	Ratio: 3.53 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 1.21 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(38002D)	Ratio: 10.11 Passed ⁶	Ratio: 10.34 Passed ⁶	Ratio: 9.84 Passed ⁶	Ratio: 3.48 AA 18pt ²	Ratio: 2.87 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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