

Converting Colors - WCAG Matrix

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

Hex(FEB0ED) Hex(FFA1EA) Hex(FEB0C6) Hex(80737D) Hex(BF0096) Hex(400032)

	Hex(FEB0ED)	Hex(FFA1EA)	Hex(FEB0C6)	Hex(80737D)	Hex(BF0096)	Hex(400032)
Hex(FEB0ED)		Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 10.01 Passed ⁶
Hex(FFA1EA)	Ratio: 1.10 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 9.13 Passed ⁶
Hex(FEB0C6)	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 9.68 Passed ⁶
Hex(80737D)	Ratio: 2.71 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.62 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(BF0096)	Ratio: 3.46 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(400032)	Ratio: 10.01 Passed ⁶	Ratio: 9.13 Passed ⁶	Ratio: 9.68 Passed ⁶	Ratio: 3.69 AA 18pt ²	Ratio: 2.89 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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