

Converting Colors - WCAG Matrix

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

Hex(FBE8FF) Hex(FAE3FF) Hex(FFE8F8) Hex(7D7380) Hex(9E00BF) Hex(350040)

	Hex(FBE8FF)	Hex(FAE3FF)	Hex(FFE8F8)	Hex(7D7380)	Hex(9E00BF)	Hex(350040)
Hex(FBE8FF)		Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 14.76 Passed ⁶
Hex(FAE3FF)	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 14.28 Passed ⁶
Hex(FFE8F8)	Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.92 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 14.81 Passed ⁶
Hex(7D7380)	Ratio: 3.90 AA 18pt ²	Ratio: 3.77 AA 18pt ²	Ratio: 3.92 AA 18pt ²		Ratio: 1.45 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(9E00BF)	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(350040)	Ratio: 14.76 Passed ⁶	Ratio: 14.28 Passed ⁶	Ratio: 14.81 Passed ⁶	Ratio: 3.78 AA 18pt ²	Ratio: 2.62 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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