

Converting Colors - WCAG Matrix

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

Hex(FF9EE2) Hex(FF8ADB) Hex(9EFFEC) Hex(80737C) Hex(BF0085) Hex(40002C)

	Hex(FF9EE2)	Hex(FF8ADB)	Hex(9EFFEC)	Hex(80737C)	Hex(BF0085)	Hex(40002C)
Hex(FF9EE2)		Ratio: 1.13 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 8.96 Passed ⁶
Hex(FF8ADB)	Ratio: 1.13 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 7.90 Passed ⁶
Hex(9EFFEC)	Ratio: 1.60 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 3.86 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 14.32 Passed ⁶
Hex(80737C)	Ratio: 2.41 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 3.86 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(BF0085)	Ratio: 3.16 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(40002C)	Ratio: 8.96 Passed ⁶	Ratio: 7.90 Passed ⁶	Ratio: 14.32 Passed ⁶	Ratio: 3.72 AA 18pt ²	Ratio: 2.83 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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