

Converting Colors - WCAG Matrix

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

Hex(FFA4F4) Hex(FF91F2) Hex(C7FFA4) Hex(80737E) Hex(BF00A8) Hex(400038)

	Hex(FFA4F4)	Hex(FF91F2)	Hex(C7FFA4)	Hex(80737E)	Hex(BF00A8)	Hex(400038)
Hex(FFA4F4)		Ratio: 1.12 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 9.31 Passed ⁶
Hex(FF91F2)	Ratio: 1.12 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 8.30 Passed ⁶
Hex(C7FFA4)	Ratio: 1.54 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 14.33 Passed ⁶
Hex(80737E)	Ratio: 2.54 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 3.91 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(BF00A8)	Ratio: 3.14 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(400038)	Ratio: 9.31 Passed ⁶	Ratio: 8.30 Passed ⁶	Ratio: 14.33 Passed ⁶	Ratio: 3.66 AA 18pt ²	Ratio: 2.96 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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