

Converting Colors - WCAG Matrix

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

Hex(F3C9EB) Hex(FFCCF5) Hex(C9F3E5) Hex(7A6E78) Hex(BA0096) Hex(3B002F)

	Hex(F3C9EB)	Hex(FFCCF5)	Hex(C9F3E5)	Hex(7A6E78)	Hex(BA0096)	Hex(3B002F)
Hex(F3C9EB)		Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 11.71 Passed ⁶
Hex(FFCCF5)	Ratio: 1.06 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 12.39 Passed ⁶
Hex(C9F3E5)	Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 4.03 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 14.21 Passed ⁶
Hex(7A6E78)	Ratio: 3.32 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 4.03 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(BA0096)	Ratio: 4.07 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(3B002F)	Ratio: 11.71 Passed ⁶	Ratio: 12.39 Passed ⁶	Ratio: 14.21 Passed ⁶	Ratio: 3.53 AA 18pt ²	Ratio: 2.88 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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