

Converting Colors - WCAG Matrix

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

Hex(F1A0F1) Hex(FF99FF) Hex(F1A0C8) Hex(786C78) Hex(B800B8) Hex(380038)

	Hex(F1A0F1)	Hex(FF99FF)	Hex(F1A0C8)	Hex(786C78)	Hex(B800B8)	Hex(380038)
Hex(F1A0F1)		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 9.01 Passed ⁶
Hex(FF99FF)	Ratio: 1.02 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 9.18 Passed ⁶
Hex(F1A0C8)	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 8.65 Passed ⁶
Hex(786C78)	Ratio: 2.62 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(B800B8)	Ratio: 2.96 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(380038)	Ratio: 9.01 Passed ⁶	Ratio: 9.18 Passed ⁶	Ratio: 8.65 Passed ⁶	Ratio: 3.44 AA 18pt ²	Ratio: 3.04 AA 18pt ²	

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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