

Converting Colors - WCAG Matrix

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

Hex(BF0098) Hex(F700C5) Hex(BF0039) Hex(5E555C) Hex(9E007E) Hex(1F0018)

	Hex(BF0098)	Hex(F700C5)	Hex(BF0039)	Hex(5E555C)	Hex(9E007E)	Hex(1F0018)
Hex(BF0098)		Ratio: 1.57 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(F700C5)	Ratio: 1.57 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 5.38 AA ¹ AAA 18pt ⁴
Hex(BF0039)	Ratio: 1.12 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(5E555C)	Ratio: 1.25 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(9E007E)	Ratio: 1.33 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(1F0018)	Ratio: 3.42 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 3.06 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.57 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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