

Converting Colors - WCAG Matrix

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

Hex(856B99) Hex(A87FC7) Hex(996B96) Hex(49454D) Hex(4F008C) Hex(07000D)

	Hex(856B99)	Hex(A87FC7)	Hex(996B96)	Hex(49454D)	Hex(4F008C)	Hex(07000D)
Hex(856B99)		Ratio: 1.43 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 4.49 AA 18pt ²
Hex(A87FC7)	Ratio: 1.43 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 6.43 AA ¹ AAA 18pt ⁴
Hex(996B96)	Ratio: 1.07 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(49454D)	Ratio: 2.03 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(4F008C)	Ratio: 2.67 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.69 Failed ⁵
Hex(07000D)	Ratio: 4.49 AA 18pt ²	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 2.21 Failed ⁵	Ratio: 1.69 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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