

Converting Colors - WCAG Matrix

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

Hex(960062) Hex(C40080) Hex(967D00) Hex(4A4347) Hex(8A005A) Hex(0A0007)

	Hex(960062)	Hex(C40080)	Hex(967D00)	Hex(4A4347)	Hex(8A005A)	Hex(0A0007)
Hex(960062)		Ratio: 1.48 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(C40080)	Ratio: 1.48 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(967D00)	Ratio: 2.11 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(4A4347)	Ratio: 1.13 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A005A)	Ratio: 1.11 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.19 Failed ⁵
Hex(0A0007)	Ratio: 2.43 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵	Ratio: 2.19 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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