

Converting Colors - WCAG Matrix

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

Hex(960596) Hex(C400C4) Hex(96054F) Hex(4D454D) Hex(8C008C) Hex(0D000D)

	Hex(960596)	Hex(C400C4)	Hex(96054F)	Hex(4D454D)	Hex(8C008C)	Hex(0D000D)
Hex(960596)		Ratio: 1.50 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(C400C4)	Ratio: 1.50 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(96054F)	Ratio: 1.13 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(4D454D)	Ratio: 1.21 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C008C)	Ratio: 1.11 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(0D000D)	Ratio: 2.70 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.44 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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