

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(900257) Hex(BA006F) Hex(900210) Hex(474045) Hex(870051) Hex(080005)

Hex(900257)		Ratio: 1.42 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(BA006F)	Ratio: 1.42 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(900210)	Ratio: 1.06 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(474045)	Ratio: 1.12 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870051)	Ratio: 1.09 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(080005)	Ratio: 2.30 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.12 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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