

Converting Colors - WCAG Matrix

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

Hex(904190) Hex(BA3FBA) Hex(906941) Hex(474047) Hex(870087) Hex(080008)

	Hex(904190)	Hex(BA3FBA)	Hex(906941)	Hex(474047)	Hex(870087)	Hex(080008)
Hex(904190)		Ratio: 1.35 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(BA3FBA)	Ratio: 1.35 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 4.45 AA 18pt ²
Hex(906941)	Ratio: 1.28 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 4.22 AA 18pt ²
Hex(474047)	Ratio: 1.60 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870087)	Ratio: 1.41 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(080008)	Ratio: 3.30 AA 18pt ²	Ratio: 4.45 AA 18pt ²	Ratio: 4.22 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 2.35 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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