

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(924E69) Hex(BD537D) Hex(92554E) Hex(4A4345) Hex(8A0037) Hex(0A0004)

Hex(924E69)		Ratio: 1.34 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(BD537D)	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(92554E)	Ratio: 1.03 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(4A4345)	Ratio: 1.61 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A0037)	Ratio: 1.65 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.11 Failed ⁵
Hex(0A0004)	Ratio: 3.47 AA 18pt ²	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 3.58 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 2.11 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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