

Converting Colors - WCAG Matrix

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

Hex(91364C) Hex(BD2D4F) Hex(7A9136) Hex(4A4344) Hex(8A0021) Hex(0A0002)

	Hex(91364C)	Hex(BD2D4F)	Hex(7A9136)	Hex(4A4344)	Hex(8A0021)	Hex(0A0002)
Hex(91364C)		Ratio: 1.29 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(BD2D4F)	Ratio: 1.29 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(7A9136)	Ratio: 2.09 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴
Hex(4A4344)	Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A0021)	Ratio: 1.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.07 Failed ⁵
Hex(0A0002)	Ratio: 2.80 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵	Ratio: 2.07 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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