

Converting Colors - WCAG Matrix

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

Hex(691851) Hex(8A0A64) Hex(695718) Hex(363034) Hex(750053) Hex(F500AC)

	Hex(691851)	Hex(8A0A64)	Hex(695718)	Hex(363034)	Hex(750053)	Hex(F500AC)
Hex(691851)		Ratio: 1.25 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(8A0A64)	Ratio: 1.25 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(695718)	Ratio: 1.61 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(363034)	Ratio: 1.14 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(750053)	Ratio: 1.02 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(F500AC)	Ratio: 2.96 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.91 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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