

Converting Colors - WCAG Matrix

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

Hex(69114C) Hex(8A005C) Hex(691121) Hex(363034) Hex(75004F) Hex(F500A4)

	Hex(69114C)	Hex(8A005C)	Hex(691121)	Hex(363034)	Hex(75004F)	Hex(F500A4)
Hex(69114C)		Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(8A005C)	Ratio: 1.25 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(691121)	Ratio: 1.05 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(363034)	Ratio: 1.10 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(75004F)	Ratio: 1.05 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(F500A4)	Ratio: 3.04 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 2.90 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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