

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(6A3F5C) Hex(8A4674) Hex(6A3F47) Hex(363034) Hex(75004F) Hex(F500A5)

	Hex(6A3F5C)	Hex(8A4674)	Hex(6A3F47)	Hex(363034)	Hex(75004F)	Hex(F500A5)
Hex(6A3F5C)		Ratio: 1.29 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(8A4674)	Ratio: 1.29 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(6A3F47)	Ratio: 1.03 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(363034)	Ratio: 1.52 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(75004F)	Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(F500A5)	Ratio: 2.19 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.25 Failed ⁵	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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