

Converting Colors - WCAG Matrix

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

Hex(7A4C5F) Hex(9E5774) Hex(7A504C) Hex(3D373A) Hex(7D0034) Hex(FC0068)

	Hex(7A4C5F)	Hex(9E5774)	Hex(7A504C)	Hex(3D373A)	Hex(7D0034)	Hex(FC0068)
Hex(7A4C5F)		Ratio: 1.34 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(9E5774)	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(7A504C)	Ratio: 1.02 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(3D373A)	Ratio: 1.68 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(7D0034)	Ratio: 1.58 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(FC0068)	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.78 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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