

Converting Colors - WCAG Matrix

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

Hex(774863) Hex(9C527C) Hex(777448) Hex(3B3538) Hex(7A0045) Hex(FA008E)

	Hex(774863)	Hex(9C527C)	Hex(777448)	Hex(3B3538)	Hex(7A0045)	Hex(FA008E)
Hex(774863)		Ratio: 1.35 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(9C527C)	Ratio: 1.35 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(777448)	Ratio: 1.51 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(3B3538)	Ratio: 1.65 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.50 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(7A0045)	Ratio: 1.51 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(FA008E)	Ratio: 1.89 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.85 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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