

Converting Colors - WCAG Matrix

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

Hex(754E6C) Hex(995C8B) Hex(754E59) Hex(3B3539) Hex(7A005E) Hex(FA00C0)

	Hex(754E6C)	Hex(995C8B)	Hex(754E59)	Hex(3B3539)	Hex(7A005E)	Hex(FA00C0)
Hex(754E6C)		Ratio: 1.39 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(995C8B)	Ratio: 1.39 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(754E59)	Ratio: 1.02 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(3B3539)	Ratio: 1.75 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(7A005E)	Ratio: 1.54 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.93 Failed ⁵
Hex(FA00C0)	Ratio: 1.90 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.93 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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