

Converting Colors - WCAG Matrix

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

Hex(795E6F) Hex(9E738F) Hex(62795E) Hex(3D373B) Hex(7D0050) Hex(FC00A1)

	Hex(795E6F)	Hex(9E738F)	Hex(62795E)	Hex(3D373B)	Hex(7D0050)	Hex(FC00A1)
Hex(795E6F)		Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(9E738F)	Ratio: 1.46 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(62795E)	Ratio: 1.21 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(3D373B)	Ratio: 2.02 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(7D0050)	Ratio: 1.83 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(FC00A1)	Ratio: 1.55 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 2.84 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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