

Converting Colors - WCAG Matrix

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

Hex(79004A) Hex(9E6F8C) Hex(2E0079) Hex(4F3344) Hex(CFCFCF) Hex(4F4F4F)

	Hex(79004A)	Hex(9E6F8C)	Hex(2E0079)	Hex(4F3344)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(79004A)		Ratio: 2.67 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 7.05 Passed ⁶	Ratio: 1.34 Failed ⁵
Hex(9E6F8C)	Ratio: 2.67 Failed ⁵		Ratio: 3.67 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(2E0079)	Ratio: 1.37 Failed ⁵	Ratio: 3.67 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 9.68 Passed ⁶	Ratio: 1.84 Failed ⁵
Hex(4F3344)	Ratio: 1.01 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 7.13 Passed ⁶	Ratio: 1.36 Failed ⁵
Hex(CFCFCF)	Ratio: 7.05 Passed ⁶	Ratio: 2.64 Failed ⁵	Ratio: 9.68 Passed ⁶	Ratio: 7.13 Passed ⁶		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.34 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	

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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