

Converting Colors - WCAG Matrix

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

Hex(9F1A9F) Hex(CF9BCF) Hex(1A1A9F) Hex(694969) Hex(E8E8E8) Hex(696969)

	Hex(9F1A9F)	Hex(CF9BCF)	Hex(1A1A9F)	Hex(694969)	Hex(E8E8E8)	Hex(696969)
Hex(9F1A9F)		Ratio: 2.96 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(CF9BCF)	Ratio: 2.96 Failed ⁵		Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 3.35 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(1A1A9F)	Ratio: 1.85 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴		Ratio: 1.63 Failed ⁵	Ratio: 10.13 Passed ⁶	Ratio: 2.26 Failed ⁵
Hex(694969)	Ratio: 1.13 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.63 Failed ⁵		Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵
Hex(E8E8E8)	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 1.85 Failed ⁵	Ratio: 10.13 Passed ⁶	Ratio: 6.22 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.23 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.48 AA 18pt ²	

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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