

Converting Colors - WCAG Matrix

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

Hex(9C1E00) Hex(CC9A8F) Hex(9C0080) Hex(664841) Hex(E6E6E6) Hex(666666)

	Hex(9C1E00)	Hex(CC9A8F)	Hex(9C0080)	Hex(664841)	Hex(E6E6E6)	Hex(666666)
Hex(9C1E00)		Ratio: 3.30 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.41 Failed ⁵
Hex(CC9A8F)	Ratio: 3.30 AA 18pt ²		Ratio: 3.15 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(9C0080)	Ratio: 1.05 Failed ⁵	Ratio: 3.15 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(664841)	Ratio: 1.01 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 1.42 Failed ⁵
Hex(E6E6E6)	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 6.55 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.41 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 4.60 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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