

Converting Colors - WCAG Matrix

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

Hex(9C2F2F) Hex(CCA1A1) Hex(9C2F9C) Hex(664D4D) Hex(E6E6E6) Hex(666666)

	Hex(9C2F2F)	Hex(CCA1A1)	Hex(9C2F9C)	Hex(664D4D)	Hex(E6E6E6)	Hex(666666)
Hex(9C2F2F)		Ratio: 3.21 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(CCA1A1)	Ratio: 3.21 AA 18pt ²		Ratio: 2.78 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(9C2F9C)	Ratio: 1.15 Failed ⁵	Ratio: 2.78 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(664D4D)	Ratio: 1.05 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.21 Failed ⁵		Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(E6E6E6)	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.83 Failed ⁵	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 6.16 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.28 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.34 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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