

Converting Colors - WCAG Matrix

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

Hex(9D4343) Hex(CCA9A9) Hex(9D439D) Hex(665252) Hex(E6E6E6) Hex(666666)

	Hex(9D4343)	Hex(CCA9A9)	Hex(9D439D)	Hex(665252)	Hex(E6E6E6)	Hex(666666)
Hex(9D4343)		Ratio: 2.96 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(CCA9A9)	Ratio: 2.96 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9D439D)	Ratio: 1.12 Failed ⁵	Ratio: 2.64 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(665252)	Ratio: 1.15 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.29 Failed ⁵		Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(E6E6E6)	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.71 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 5.81 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.10 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.26 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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