

Converting Colors - WCAG Matrix

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

Hex(962711) Hex(C4988F) Hex(961182) Hex(634944) Hex(E3E3E3) Hex(636363)

	Hex(962711)	Hex(C4988F)	Hex(961182)	Hex(634944)	Hex(E3E3E3)	Hex(636363)
Hex(962711)		Ratio: 3.17 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵
Hex(C4988F)	Ratio: 3.17 AA 18pt ²		Ratio: 3.05 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(961182)	Ratio: 1.04 Failed ⁵	Ratio: 3.05 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(634944)	Ratio: 1.01 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵
Hex(E3E3E3)	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.35 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.68 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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