

Converting Colors - WCAG Matrix

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

Hex(977600) Hex(C4B789) Hex(970023) Hex(635C40) Hex(E3E3E3) Hex(636363)

	Hex(977600)	Hex(C4B789)	Hex(970023)	Hex(635C40)	Hex(E3E3E3)	Hex(636363)
Hex(977600)		Ratio: 2.14 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(C4B789)	Ratio: 2.14 Failed ⁵		Ratio: 4.48 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(970023)	Ratio: 2.10 Failed ⁵	Ratio: 4.48 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 1.49 Failed ⁵
Hex(635C40)	Ratio: 1.57 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.34 Failed ⁵		Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(E3E3E3)	Ratio: 3.33 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 5.22 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.40 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.11 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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