

Converting Colors - WCAG Matrix

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

Hex(4C4B45) Hex(636259) Hex(4A4C45) Hex(262622) Hex(665700) Hex(E6C500)

	Hex(4C4B45)	Hex(636259)	Hex(4A4C45)	Hex(262622)	Hex(665700)	Hex(E6C500)
Hex(4C4B45)		Ratio: 1.43 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(636259)	Ratio: 1.43 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(4A4C45)	Ratio: 1.00 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(262622)	Ratio: 1.74 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 8.93 Passed ⁶
Hex(665700)	Ratio: 1.22 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 4.22 AA 18pt ²
Hex(E6C500)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 8.93 Passed ⁶	Ratio: 4.22 AA 18pt ²	

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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