

Converting Colors - WCAG Matrix

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

Hex(7A7866) Hex(615F4E) Hex(4A4737) Hex(333121) Hex(1E1C0B) Hex(000000)

	Hex(7A7866)	Hex(615F4E)	Hex(4A4737)	Hex(333121)	Hex(1E1C0B)	Hex(000000)
Hex(7A7866)		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴
Hex(615F4E)	Ratio: 1.45 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(4A4737)	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(333121)	Ratio: 2.94 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(1E1C0B)	Ratio: 3.84 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(000000)	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵	

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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