

Converting Colors - WCAG Matrix

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

Hex(906D58) Hex(765541) Hex(5C3D2A) Hex(432716) Hex(2D1300) Hex(100000) Hex(000000)

	Hex(906D58)	Hex(765541)	Hex(5C3D2A)	Hex(432716)	Hex(2D1300)	Hex(100000)	Hex(000000)
Hex(906D58)		Ratio: 1.43 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(765541)	Ratio: 1.43 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.15 AA 18pt ²
Hex(5C3D2A)	Ratio: 2.09 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(432716)	Ratio: 2.93 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(2D1300)	Ratio: 3.75 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(100000)	Ratio: 4.42 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.02 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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