

Converting Colors - WCAG Matrix

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

Hex(8F792E) Hex(746014) Hex(594900) Hex(403300) Hex(271E00) Hex(070600) Hex(000000)

	Hex(8F792E)	Hex(746014)	Hex(594900)	Hex(403300)	Hex(271E00)	Hex(070600)	Hex(000000)
Hex(8F792E)		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 4.94 AA ¹ AAA 18pt ⁴
Hex(746014)	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.43 AA 18pt ²
Hex(594900)	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(403300)	Ratio: 2.92 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(271E00)	Ratio: 3.89 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(070600)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 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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