

Converting Colors - WCAG Matrix

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

Hex(59783E) Hex(415F27) Hex(294810) Hex(143100) Hex(001E00) Hex(000000)

	Hex(59783E)	Hex(415F27)	Hex(294810)	Hex(143100)	Hex(001E00)	Hex(000000)
Hex(59783E)		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.18 AA 18pt ²
Hex(415F27)	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(294810)	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(143100)	Ratio: 2.85 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(001E00)	Ratio: 3.53 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 4.18 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.19 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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