

Converting Colors - WCAG Matrix

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

Hex(22782E) Hex(005F16) Hex(004600) Hex(002F00) Hex(001700) Hex(000000)

	Hex(22782E)	Hex(005F16)	Hex(004600)	Hex(002F00)	Hex(001700)	Hex(000000)
Hex(22782E)		Ratio: 1.43 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 3.79 AA 18pt ²
Hex(005F16)	Ratio: 1.43 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(004600)	Ratio: 2.02 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(002F00)	Ratio: 2.70 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(001700)	Ratio: 3.38 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 3.79 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.12 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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