

Converting Colors - WCAG Matrix

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

Hex(006657) Hex(004E40) Hex(00362A) Hex(002215) Hex(000000)

	Hex(006657)	Hex(004E40)	Hex(00362A)	Hex(002215)	Hex(000000)
Hex(006657)		Ratio: 1.40 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(004E40)	Ratio: 1.40 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(00362A)	Ratio: 1.95 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(002215)	Ratio: 2.45 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(000000)	Ratio: 3.04 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.24 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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