

Converting Colors - WCAG Matrix

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

Hex(004F41) Hex(476660) Hex(0E4F00) Hex(213330) Hex(B3B3B3) Hex(333333)

	Hex(004F41)	Hex(476660)	Hex(0E4F00)	Hex(213330)	Hex(B3B3B3)	Hex(333333)
Hex(004F41)		Ratio: 1.52 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(476660)	Ratio: 1.52 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.01 Failed ⁵
Hex(0E4F00)	Ratio: 1.03 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(213330)	Ratio: 1.39 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(B3B3B3)	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 6.34 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.32 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.03 AA ¹ AAA 18pt ⁴	

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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