

Converting Colors - WCAG Matrix

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

Hex(004F00) Hex(476647) Hex(4F4F00) Hex(213321) Hex(B3B3B3) Hex(333333)

	Hex(004F00)	Hex(476647)	Hex(4F4F00)	Hex(213321)	Hex(B3B3B3)	Hex(333333)
Hex(004F00)		Ratio: 1.54 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(476647)	Ratio: 1.54 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.96 Failed ⁵
Hex(4F4F00)	Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(213321)	Ratio: 1.36 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(B3B3B3)	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 4.09 AA 18pt ²	Ratio: 6.42 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.27 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.07 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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