

Converting Colors - WCAG Matrix

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

Hex(004F38) Hex(47665D) Hex(184F00) Hex(21332E) Hex(B3B3B3) Hex(333333)

	Hex(004F38)	Hex(47665D)	Hex(184F00)	Hex(21332E)	Hex(B3B3B3)	Hex(333333)
Hex(004F38)		Ratio: 1.53 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(47665D)	Ratio: 1.53 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.00 Failed ⁵
Hex(184F00)	Ratio: 1.01 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(21332E)	Ratio: 1.38 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(B3B3B3)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 3.01 AA 18pt ²	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.31 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.30 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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