

Converting Colors - WCAG Matrix

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

Hex(00341C) Hex(004525) Hex(003234) Hex(171A18) Hex(005930) Hex(00D975)

	Hex(00341C)	Hex(004525)	Hex(003234)	Hex(171A18)	Hex(005930)	Hex(00D975)
Hex(00341C)		Ratio: 1.25 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 7.42 Passed ⁶
Hex(004525)	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴
Hex(003234)	Ratio: 1.00 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 7.43 Passed ⁶
Hex(171A18)	Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 9.34 Passed ⁶
Hex(005930)	Ratio: 1.64 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(00D975)	Ratio: 7.42 Passed ⁶	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 7.43 Passed ⁶	Ratio: 9.34 Passed ⁶	Ratio: 4.52 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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