

Converting Colors - WCAG Matrix

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

Hex(00421A) Hex(005721) Hex(00423B) Hex(1F211F) Hex(006126) Hex(00E057)

	Hex(00421A)	Hex(005721)	Hex(00423B)	Hex(1F211F)	Hex(006126)	Hex(00E057)
Hex(00421A)		Ratio: 1.33 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 6.58 AA ¹ AAA 18pt ⁴
Hex(005721)	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(00423B)	Ratio: 1.03 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴
Hex(1F211F)	Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 9.11 Passed ⁶
Hex(006126)	Ratio: 1.53 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 4.31 AA 18pt ²
Hex(00E057)	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 9.11 Passed ⁶	Ratio: 4.31 AA 18pt ²	

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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