

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(167433) Hex(005B1C) Hex(004205) Hex(002C00) Hex(001100) Hex(000000)

	Hex(167433)	Hex(005B1C)	Hex(004205)	Hex(002C00)	Hex(001100)	Hex(000000)
Hex(167433)		Ratio: 1.42 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.58 AA 18pt ²
Hex(005B1C)	Ratio: 1.42 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(004205)	Ratio: 2.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(002C00)	Ratio: 2.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(001100)	Ratio: 3.31 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 3.58 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.08 Failed ⁵	

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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