

Converting Colors - WCAG Matrix

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

Hex(248A03) Hex(2CB300) Hex(038A25) Hex(40453E) Hex(208500) Hex(010500)

	Hex(248A03)	Hex(2CB300)	Hex(038A25)	Hex(40453E)	Hex(208500)	Hex(010500)
Hex(248A03)		Ratio: 1.60 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(2CB300)	Ratio: 1.60 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 7.39 Passed ⁶
Hex(038A25)	Ratio: 1.01 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴
Hex(40453E)	Ratio: 2.20 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(208500)	Ratio: 1.07 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 4.32 AA 18pt ²
Hex(010500)	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 7.39 Passed ⁶	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 2.09 Failed ⁵	Ratio: 4.32 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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