

Converting Colors - WCAG Matrix

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

Hex(278C00) Hex(32B500) Hex(008C1E) Hex(40453E) Hex(258500) Hex(010500)

Hex(278C00)		Ratio: 1.60 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴
Hex(32B500)	Ratio: 1.60 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 7.57 Passed ⁶
Hex(008C1E)	Ratio: 1.01 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(40453E)	Ratio: 2.26 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(258500)	Ratio: 1.09 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 4.33 AA 18pt ²
Hex(010500)	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 7.57 Passed ⁶	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 2.09 Failed ⁵	Ratio: 4.33 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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