

Converting Colors - WCAG Matrix

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

	Hex(30801A)	Hex(0A6600)	Hex(004E00)	Hex(003600)	Hex(002100)	Hex(000000)
Hex(30801A)		Ratio: 1.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 4.23 AA 18pt ²
Hex(0A6600)	Ratio: 1.45 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(004E00)	Ratio: 2.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(003600)	Ratio: 2.77 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(002100)	Ratio: 3.47 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(000000)	Ratio: 4.23 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.22 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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