

Converting Colors - WCAG Matrix

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

	Hex(02971B)	Hex(007C00)	Hex(006200)	Hex(004900)	Hex(003200)	Hex(001800)	Hex(000000)
Hex(02971B)		Ratio: 1.40 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 5.44 AA ¹ AAA 18pt ⁴
Hex(007C00)	Ratio: 1.40 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 3.88 AA 18pt ²
Hex(006200)	Ratio: 1.98 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(004900)	Ratio: 2.79 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(003200)	Ratio: 3.74 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(001800)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 3.88 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.13 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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