

Converting Colors - WCAG Matrix

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

	Hex(1D9020)	Hex(007600)	Hex(005C00)	Hex(004300)	Hex(002E00)	Hex(000E00)	Hex(000000)
Hex(1D9020)		Ratio: 1.41 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(007600)	Ratio: 1.41 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 3.59 AA 18pt ²
Hex(005C00)	Ratio: 2.00 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(004300)	Ratio: 2.81 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(002E00)	Ratio: 3.64 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(000E00)	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.31 Failed ⁵		
Hex(000000)	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.39 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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