

Converting Colors - WCAG Matrix

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

	Hex(43D92F)	Hex(09BC00)	Hex(00A100)	Hex(008500)	Hex(006B00)	Hex(005100)	Hex(003900)	Hex(001F00)	Hex(000000)
Hex(43D92F)		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 7.07 Passed ⁶	Ratio: 9.37 Passed ⁶	Ratio: 11.20 Passed ⁶
Hex(09BC00)	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 8.21 Passed ⁶
Hex(00A100)	Ratio: 1.84 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 6.10 AA ¹ AAA 18pt ⁴
Hex(008500)	Ratio: 2.57 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 4.35 AA 18pt ²
Hex(006B00)	Ratio: 3.61 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(005100)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.77 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(003900)	Ratio: 7.07 Passed ⁶	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.85 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(001F00)	Ratio: 9.37 Passed ⁶	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 3.64 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 11.20 Passed ⁶	Ratio: 8.21 Passed ⁶	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 4.35 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.20 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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