

Converting Colors - WCAG Matrix

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

	Hex(7FF43E)	Hex(60D718)	Hex(3DBB00)	Hex(069F00)	Hex(008400)	Hex(006A00)	Hex(005000)	Hex(003800)	Hex(002000)	Hex(000000)
Hex(7FF43E)		Ratio: 1.33 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 9.52 Passed ⁶	Ratio: 12.36 Passed ⁶	Ratio: 14.91 Passed ⁶
Hex(60D718)	Ratio: 1.33 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶	Ratio: 9.31 Passed ⁶	Ratio: 11.23 Passed ⁶
Hex(3DBB00)	Ratio: 1.80 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 8.31 Passed ⁶
Hex(069F00)	Ratio: 2.50 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 5.97 AA ¹ AAA 18pt ⁴
Hex(008400)	Ratio: 3.47 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.30 AA 18pt ²
Hex(006A00)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(005000)	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(003800)	Ratio: 9.52 Passed ⁶	Ratio: 7.17 Passed ⁶	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(002000)	Ratio: 12.36 Passed ⁶	Ratio: 9.31 Passed ⁶	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(000000)	Ratio: 14.91 Passed ⁶	Ratio: 11.23 Passed ⁶	Ratio: 8.31 Passed ⁶	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 4.30 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.21 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.

This PDF was generated on convertingcolors.com.