

Converting Colors - WCAG Matrix

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

	Hex(FFF021)	Hex(E0D400)	Hex(C2B800)	Hex(A49E00)	Hex(868400)	Hex(696B00)	Hex(4D5300)	Hex(333C00)	Hex(1A2600)	Hex(001400)
Hex(FFF021)		Ratio: 1.31 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 9.93 Passed ⁶	Ratio: 13.43 Passed ⁶	Ratio: 16.13 Passed ⁶
Hex(E0D400)	Ratio: 1.31 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 7.60 Passed ⁶	Ratio: 10.28 Passed ⁶	Ratio: 12.35 Passed ⁶
Hex(C2B800)	Ratio: 1.75 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 7.68 Passed ⁶	Ratio: 9.23 Passed ⁶
Hex(A49E00)	Ratio: 2.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 6.79 AA ¹ AAA 18pt ⁴
Hex(868400)	Ratio: 3.34 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(696B00)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(4D5300)	Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(333C00)	Ratio: 9.93 Passed ⁶	Ratio: 7.60 Passed ⁶	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 4.18 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(1A2600)	Ratio: 13.43 Passed ⁶	Ratio: 10.28 Passed ⁶	Ratio: 7.68 Passed ⁶	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 4.02 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(001400)	Ratio: 16.13 Passed ⁶	Ratio: 12.35 Passed ⁶	Ratio: 9.23 Passed ⁶	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.62 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.

This PDF was generated on convertingcolors.com.