

Converting Colors - WCAG Matrix

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

	Hex(CDFAB1)	Hex(B1DD96)	Hex(96C17C)	Hex(7BA663)	Hex(618B4A)	Hex(487233)	Hex(30591B)	Hex(174103)	Hex(002B00)	Hex(001500)
Hex(CDFAB1)		Ratio: 1.31 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 9.98 Passed ⁶	Ratio: 13.31 Passed ⁶	Ratio: 16.17 Passed ⁶
Hex(B1DD96)	Ratio: 1.31 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 7.61 Passed ⁶	Ratio: 10.15 Passed ⁶	Ratio: 12.33 Passed ⁶
Hex(96C17C)	Ratio: 1.75 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 7.59 Passed ⁶	Ratio: 9.23 Passed ⁶
Hex(7BA663)	Ratio: 2.39 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 6.75 AA ¹ AAA 18pt ⁴
Hex(618B4A)	Ratio: 3.38 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(487233)	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(30591B)	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 3.97 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(174103)	Ratio: 9.98 Passed ⁶	Ratio: 7.61 Passed ⁶	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 4.17 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(002B00)	Ratio: 13.31 Passed ⁶	Ratio: 10.15 Passed ⁶	Ratio: 7.59 Passed ⁶	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 3.94 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(001500)	Ratio: 16.17 Passed ⁶	Ratio: 12.33 Passed ⁶	Ratio: 9.23 Passed ⁶	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 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.