

Converting Colors - WCAG Matrix

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

	Hex(8CD892)	Hex(71BC78)	Hex(56A15F)	Hex(3B8647)	Hex(1E6C2F)	Hex(005318)	Hex(003B00)	Hex(002700)	Hex(000000)
Hex(8CD892)		Ratio: 1.35 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 7.60 Passed ⁶	Ratio: 9.57 Passed ⁶	Ratio: 12.35 Passed ⁶
Hex(71BC78)	Ratio: 1.35 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 7.10 Passed ⁶	Ratio: 9.17 Passed ⁶
Hex(56A15F)	Ratio: 1.86 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 6.66 AA ¹ AAA 18pt ⁴
Hex(3B8647)	Ratio: 2.64 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(1E6C2F)	Ratio: 3.81 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(005318)	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(003B00)	Ratio: 7.60 Passed ⁶	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(002700)	Ratio: 9.57 Passed ⁶	Ratio: 7.10 Passed ⁶	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(000000)	Ratio: 12.35 Passed ⁶	Ratio: 9.17 Passed ⁶	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 3.24 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.29 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.