

Converting Colors - WCAG Matrix

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

	Hex(5B641E)	Hex(FFFFFF)	Hex(8F974E)	Hex(AAB167)	Hex(C6CD81)	Hex(E3E99C)	Hex(FFFB7)	Hex(FFFD3)	Hex(FFFEF)
Hex(5B641E)		Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 6.33 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.39 AA ¹ AAA 18pt ⁴		Ratio: 3.13 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(8F974E)	Ratio: 2.04 Failed ⁵	Ratio: 3.13 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 3.10 AA 18pt ²
Hex(AAB167)	Ratio: 2.80 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(C6CD81)	Ratio: 3.79 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(E3E99C)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(FFFB7)	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFD3)	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFEF)	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 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.