

Converting Colors - WCAG Matrix

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

	Hex(3FAE9A)	Hex(199380)	Hex(007967)	Hex(005F4F)	Hex(004738)	Hex(003023)	Hex(00190D)	Hex(000000)
Hex(3FAE9A)		Ratio: 1.40 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 7.73 Passed ⁶
Hex(199380)	Ratio: 1.40 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 5.53 AA ¹ AAA 18pt ⁴
Hex(007967)	Ratio: 1.97 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 3.93 AA 18pt ²
Hex(005F4F)	Ratio: 2.81 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(004738)	Ratio: 3.95 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(003023)	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(00190D)	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 7.73 Passed ⁶	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.14 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.