

Converting Colors - WCAG Matrix

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

Hex(1A5905) Hex(5C7554) Hex(594505) Hex(2B3B26) Hex(BABABA) Hex(3B3B3B)

	Hex(1A5905)	Hex(5C7554)	Hex(594505)	Hex(2B3B26)	Hex(BABABA)	Hex(3B3B3B)
Hex(1A5905)		Ratio: 1.67 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(5C7554)	Ratio: 1.67 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(594505)	Ratio: 1.09 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(2B3B26)	Ratio: 1.41 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(BABABA)	Ratio: 4.37 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 6.16 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.32 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴	

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.

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