

Converting Colors - WCAG Matrix

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

Hex(4C590F) Hex(707558) Hex(591C0F) Hex(373B29) Hex(BABABA) Hex(3B3B3B)

	Hex(4C590F)	Hex(707558)	Hex(591C0F)	Hex(373B29)	Hex(BABABA)	Hex(3B3B3B)
Hex(4C590F)		Ratio: 1.59 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(707558)	Ratio: 1.59 Failed ⁵		Ratio: 2.74 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(591C0F)	Ratio: 1.72 Failed ⁵	Ratio: 2.74 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(373B29)	Ratio: 1.51 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(BABABA)	Ratio: 3.94 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 5.95 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.46 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.03 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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