

Converting Colors - WCAG Matrix

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

Hex(40591A) Hex(69735B) Hex(59321A) Hex(353B2C) Hex(BABABA) Hex(3B3B3B)

	Hex(40591A)	Hex(69735B)	Hex(59321A)	Hex(353B2C)	Hex(BABABA)	Hex(3B3B3B)
Hex(40591A)		Ratio: 1.58 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(69735B)	Ratio: 1.58 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(59321A)	Ratio: 1.40 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(353B2C)	Ratio: 1.47 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(BABABA)	Ratio: 4.07 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 5.97 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.42 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.01 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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