

Converting Colors - WCAG Matrix

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

Hex(3B594C) Hex(67736E) Hex(48593B) Hex(343B38) Hex(BABABA) Hex(3B3B3B)

	Hex(3B594C)	Hex(67736E)	Hex(48593B)	Hex(343B38)	Hex(BABABA)	Hex(3B3B3B)
Hex(3B594C)		Ratio: 1.56 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(67736E)	Ratio: 1.56 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(48593B)	Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(343B38)	Ratio: 1.49 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(BABABA)	Ratio: 3.98 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.92 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.45 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.48 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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