

Converting Colors - WCAG Matrix

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

Hex(5B3335) Hex(756667) Hex(59335B) Hex(3B3132) Hex(BABABA) Hex(3B3B3B)

	Hex(5B3335)	Hex(756667)	Hex(59335B)	Hex(3B3132)	Hex(BABABA)	Hex(3B3B3B)
Hex(5B3335)		Ratio: 1.96 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(756667)	Ratio: 1.96 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(59335B)	Ratio: 1.04 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(3B3132)	Ratio: 1.18 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(BABABA)	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 2.81 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 6.47 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.05 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.12 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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