

Converting Colors - WCAG Matrix

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

Hex(5A5923) Hex(757560) Hex(5A2325) Hex(3B3A2E) Hex(BABABA) Hex(3B3B3B)

	Hex(5A5923)	Hex(757560)	Hex(5A2325)	Hex(3B3A2E)	Hex(BABABA)	Hex(3B3B3B)
Hex(5A5923)		Ratio: 1.55 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(757560)	Ratio: 1.55 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(5A2325)	Ratio: 1.70 Failed ⁵	Ratio: 2.63 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(3B3A2E)	Ratio: 1.58 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(BABABA)	Ratio: 3.75 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 5.91 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.54 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 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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