

Converting Colors - WCAG Matrix

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

Hex(555A2D) Hex(737564) Hex(5A322D) Hex(393B30) Hex(BABABA) Hex(3B3B3B)

	Hex(555A2D)	Hex(737564)	Hex(5A322D)	Hex(393B30)	Hex(BABABA)	Hex(3B3B3B)
Hex(555A2D)		Ratio: 1.54 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(737564)	Ratio: 1.54 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(5A322D)	Ratio: 1.50 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(393B30)	Ratio: 1.57 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(BABABA)	Ratio: 3.75 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 5.87 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: 1.03 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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