

Converting Colors - WCAG Matrix

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

Hex(5B4343) Hex(756C6C) Hex(5B435B) Hex(3B3535) Hex(BABABA) Hex(3B3B3B)

	Hex(5B4343)	Hex(756C6C)	Hex(5B435B)	Hex(3B3535)	Hex(BABABA)	Hex(3B3B3B)
Hex(5B4343)		Ratio: 1.77 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(756C6C)	Ratio: 1.77 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(5B435B)	Ratio: 1.03 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(3B3535)	Ratio: 1.33 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(BABABA)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 2.63 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 6.20 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.24 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.07 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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