

Converting Colors - WCAG Matrix

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

Hex(53050B) Hex(6B4D4F) Hex(4C0553) Hex(362325) Hex(B5B5B5) Hex(363636)

	Hex(53050B)	Hex(6B4D4F)	Hex(4C0553)	Hex(362325)	Hex(B5B5B5)	Hex(363636)
Hex(53050B)		Ratio: 2.01 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 7.34 Passed ⁶	Ratio: 1.25 Failed ⁵
Hex(6B4D4F)	Ratio: 2.01 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(4C0553)	Ratio: 1.04 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 7.04 Passed ⁶	Ratio: 1.20 Failed ⁵
Hex(362325)	Ratio: 1.02 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 7.19 Passed ⁶	Ratio: 1.22 Failed ⁵
Hex(B5B5B5)	Ratio: 7.34 Passed ⁶	Ratio: 3.66 AA 18pt ²	Ratio: 7.04 Passed ⁶	Ratio: 7.19 Passed ⁶		Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(363636)	Ratio: 1.25 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.89 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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