

Converting Colors - WCAG Matrix

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

Hex(54003A) Hex(6E4D63) Hex(190054) Hex(382432) Hex(B8B8B8) Hex(383838)

	Hex(54003A)	Hex(6E4D63)	Hex(190054)	Hex(382432)	Hex(B8B8B8)	Hex(383838)
Hex(54003A)		Ratio: 2.02 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 7.36 Passed ⁶	Ratio: 1.25 Failed ⁵
Hex(6E4D63)	Ratio: 2.02 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.62 Failed ⁵
Hex(190054)	Ratio: 1.23 Failed ⁵	Ratio: 2.48 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 9.05 Passed ⁶	Ratio: 1.53 Failed ⁵
Hex(382432)	Ratio: 1.02 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 7.22 Passed ⁶	Ratio: 1.22 Failed ⁵
Hex(B8B8B8)	Ratio: 7.36 Passed ⁶	Ratio: 3.64 AA 18pt ²	Ratio: 9.05 Passed ⁶	Ratio: 7.22 Passed ⁶		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.25 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.91 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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