

Converting Colors - WCAG Matrix

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

Hex(550003) Hex(704F50) Hex(520055) Hex(382425) Hex(B8B8B8) Hex(383838)

	Hex(550003)	Hex(704F50)	Hex(520055)	Hex(382425)	Hex(B8B8B8)	Hex(383838)
Hex(550003)		Ratio: 2.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 7.63 Passed ⁶	Ratio: 1.29 Failed ⁵
Hex(704F50)	Ratio: 2.11 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(520055)	Ratio: 1.07 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 7.10 Passed ⁶	Ratio: 1.20 Failed ⁵
Hex(382425)	Ratio: 1.04 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 7.32 Passed ⁶	Ratio: 1.24 Failed ⁵
Hex(B8B8B8)	Ratio: 7.63 Passed ⁶	Ratio: 3.62 AA 18pt ²	Ratio: 7.10 Passed ⁶	Ratio: 7.32 Passed ⁶		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.29 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.24 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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