

Converting Colors - WCAG Matrix

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

Hex(554010) Hex(6E6653) Hex(551026) Hex(383328) Hex(B8B8B8) Hex(383838)

	Hex(554010)	Hex(6E6653)	Hex(551026)	Hex(383328)	Hex(B8B8B8)	Hex(383838)
Hex(554010)		Ratio: 1.73 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(6E6653)	Ratio: 1.73 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(551026)	Ratio: 1.43 Failed ⁵	Ratio: 2.48 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 7.11 Passed ⁶	Ratio: 1.20 Failed ⁵
Hex(383328)	Ratio: 1.27 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(B8B8B8)	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 2.87 Failed ⁵	Ratio: 7.11 Passed ⁶	Ratio: 6.33 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.19 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.07 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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