

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(554E4A) Hex(706D6C) Hex(554A51) Hex(383635) Hex(B8B8B8) Hex(383838)

Hex(554E4A)		Ratio: 1.59 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 1.44 Failed ⁵
Hex(706D6C)	Ratio: 1.59 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(554A51)	Ratio: 1.04 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(383635)	Ratio: 1.47 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(B8B8B8)	Ratio: 4.11 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 6.06 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.44 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.03 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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