

Converting Colors - WCAG Matrix

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

Hex(5C604D) Hex(7B7D75) Hex(60524D) Hex(3F403B) Hex(BFBFBF) Hex(404040)

	Hex(5C604D)	Hex(7B7D75)	Hex(60524D)	Hex(3F403B)	Hex(BFBFBF)	Hex(404040)
Hex(5C604D)		Ratio: 1.56 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(7B7D75)	Ratio: 1.56 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(60524D)	Ratio: 1.15 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(3F403B)	Ratio: 1.61 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(BFBFBF)	Ratio: 3.53 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.60 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.64 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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