

Converting Colors - WCAG Matrix

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

Hex(6B5E43) Hex(8A857B) Hex(6B434F) Hex(45423C) Hex(C4C4C4) Hex(454545)

	Hex(6B5E43)	Hex(8A857B)	Hex(6B434F)	Hex(45423C)	Hex(C4C4C4)	Hex(454545)
Hex(6B5E43)		Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(8A857B)	Ratio: 1.73 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(6B434F)	Ratio: 1.30 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(45423C)	Ratio: 1.58 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(C4C4C4)	Ratio: 3.64 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 5.74 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.51 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 5.50 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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