

Converting Colors - WCAG Matrix

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

Hex(6A3F4B) Hex(8A797E) Hex(5E3F6A) Hex(453B3E) Hex(C4C4C4) Hex(454545)

	Hex(6A3F4B)	Hex(8A797E)	Hex(5E3F6A)	Hex(453B3E)	Hex(C4C4C4)	Hex(454545)
Hex(6A3F4B)		Ratio: 2.11 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(8A797E)	Ratio: 2.11 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(5E3F6A)	Ratio: 1.01 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(453B3E)	Ratio: 1.24 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(C4C4C4)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.11 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.12 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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