

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(696159) Hex(8A8683) Hex(695961) Hex(454341) Hex(C4C4C4) Hex(454545)

	Hex(696159)	Hex(8A8683)	Hex(695961)	Hex(454341)	Hex(C4C4C4)	Hex(454545)
Hex(696159)		Ratio: 1.68 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(8A8683)	Ratio: 1.68 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(695961)	Ratio: 1.08 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(454341)	Ratio: 1.62 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(C4C4C4)	Ratio: 3.49 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 5.65 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.58 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.03 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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