

Converting Colors - WCAG Matrix

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

Hex(692B2B) Hex(8A7171) Hex(692B69) Hex(453636) Hex(C4C4C4) Hex(454545)

	Hex(692B2B)	Hex(8A7171)	Hex(692B69)	Hex(453636)	Hex(C4C4C4)	Hex(454545)
Hex(692B2B)		Ratio: 2.36 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(8A7171)	Ratio: 2.36 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(692B69)	Ratio: 1.09 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(453636)	Ratio: 1.08 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(C4C4C4)	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 2.57 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 6.56 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.11 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.19 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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