

Converting Colors - WCAG Matrix

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

Hex(642629) Hex(82696B) Hex(612664) Hex(423334) Hex(C2C2C2) Hex(424242)

	Hex(642629)	Hex(82696B)	Hex(612664)	Hex(423334)	Hex(C2C2C2)	Hex(424242)
Hex(642629)		Ratio: 2.26 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(82696B)	Ratio: 2.26 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(612664)	Ratio: 1.06 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(423334)	Ratio: 1.05 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 6.72 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(C2C2C2)	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 6.72 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.13 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.19 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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