

Converting Colors - WCAG Matrix

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

Hex(434308) Hex(57573F) Hex(430808) Hex(2B2B1D) Hex(ABABAB) Hex(2B2B2B)

Hex(434308)		Ratio: 1.39 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(57573F)	Ratio: 1.39 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.92 Failed ⁵
Hex(430808)	Ratio: 1.60 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 7.16 Passed ⁶	Ratio: 1.16 Failed ⁵
Hex(2B2B1D)	Ratio: 1.39 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(ABABAB)	Ratio: 4.47 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 7.16 Passed ⁶	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.38 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.17 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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