

Converting Colors - WCAG Matrix

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

Hex(24423C) Hex(4B5754) Hex(2A4224) Hex(242B2A) Hex(ABABAB) Hex(2B2B2B)

	Hex(24423C)	Hex(4B5754)	Hex(2A4224)	Hex(242B2A)	Hex(ABABAB)	Hex(2B2B2B)
Hex(24423C)		Ratio: 1.45 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(4B5754)	Ratio: 1.45 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.88 Failed ⁵
Hex(2A4224)	Ratio: 1.01 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(242B2A)	Ratio: 1.32 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(ABABAB)	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 6.29 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.29 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.02 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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