

Converting Colors - WCAG Matrix

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

Hex(424238) Hex(575752) Hex(423838) Hex(2B2B29) Hex(ABABAB) Hex(2B2B2B)

	Hex(424238)	Hex(575752)	Hex(423838)	Hex(2B2B29)	Hex(ABABAB)	Hex(2B2B2B)
Hex(424238)		Ratio: 1.40 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(575752)	Ratio: 1.40 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.95 Failed ⁵
Hex(423838)	Ratio: 1.12 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(2B2B29)	Ratio: 1.40 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(ABABAB)	Ratio: 4.42 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.39 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.00 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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