

Converting Colors - WCAG Matrix

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

Hex(004021) Hex(3B5447) Hex(1F4000) Hex(1C2B24) Hex(ABABAB) Hex(2B2B2B)

	Hex(004021)	Hex(3B5447)	Hex(1F4000)	Hex(1C2B24)	Hex(ABABAB)	Hex(2B2B2B)
Hex(004021)		Ratio: 1.45 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(3B5447)	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.72 Failed ⁵
Hex(1F4000)	Ratio: 1.02 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(1C2B24)	Ratio: 1.24 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(ABABAB)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 6.44 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.18 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.04 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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