

Converting Colors - WCAG Matrix

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

Hex(014101) Hex(3C543C) Hex(414101) Hex(1C2B1C) Hex(ABABAB) Hex(2B2B2B)

	Hex(014101)	Hex(3C543C)	Hex(414101)	Hex(1C2B1C)	Hex(ABABAB)	Hex(2B2B2B)
Hex(014101)		Ratio: 1.44 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(3C543C)	Ratio: 1.44 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.70 Failed ⁵
Hex(414101)	Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(1C2B1C)	Ratio: 1.25 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(ABABAB)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 6.48 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.19 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.05 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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