

Converting Colors - WCAG Matrix

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

Hex(4B411B) Hex(615D4E) Hex(4B1B25) Hex(302E25) Hex(B0B0B0) Hex(303030)

	Hex(4B411B)	Hex(615D4E)	Hex(4B1B25)	Hex(302E25)	Hex(B0B0B0)	Hex(303030)
Hex(4B411B)		Ratio: 1.54 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(615D4E)	Ratio: 1.54 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.00 Failed ⁵
Hex(4B1B25)	Ratio: 1.40 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(302E25)	Ratio: 1.34 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(B0B0B0)	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 3.04 AA 18pt ²	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.30 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.09 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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