

Converting Colors - WCAG Matrix

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

Hex(4C4343) Hex(635F5F) Hex(4C434C) Hex(333030) Hex(B3B3B3) Hex(333333)

	Hex(4C4343)	Hex(635F5F)	Hex(4C434C)	Hex(333030)	Hex(B3B3B3)	Hex(333333)
Hex(4C4343)		Ratio: 1.52 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(635F5F)	Ratio: 1.52 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.01 Failed ⁵
Hex(4C434C)	Ratio: 1.01 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(333030)	Ratio: 1.36 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(B3B3B3)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.01 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.32 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.03 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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