

Converting Colors - WCAG Matrix

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

Hex(4D4949) Hex(636162) Hex(4C494D) Hex(333232) Hex(B3B3B3) Hex(333333)

	Hex(4D4949)	Hex(636162)	Hex(4C494D)	Hex(333232)	Hex(B3B3B3)	Hex(333333)
Hex(4D4949)		Ratio: 1.44 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(636162)	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(4C494D)	Ratio: 1.00 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(333232)	Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(B3B3B3)	Ratio: 4.24 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 6.10 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.01 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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