

Converting Colors - WCAG Matrix

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

Hex(494D49) Hex(616362) Hex(4C4D49) Hex(323332) Hex(B3B3B3) Hex(333333)

Hex(494D49)		Ratio: 1.42 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(616362)	Ratio: 1.42 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(4C4D49)	Ratio: 1.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(323332)	Ratio: 1.47 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(B3B3B3)	Ratio: 4.10 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 6.05 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.47 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.00 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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