

Converting Colors - WCAG Matrix

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

Hex(7A7C7A) Hex(616361) Hex(494B49) Hex(333533) Hex(1E201E) Hex(040704) Hex(000000)

	Hex(7A7C7A)	Hex(616361)	Hex(494B49)	Hex(333533)	Hex(1E201E)	Hex(040704)	Hex(000000)
Hex(7A7C7A)		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(616361)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.47 AA 18pt ²
Hex(494B49)	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(333533)	Ratio: 2.94 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(1E201E)	Ratio: 3.90 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(040704)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵	

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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