

Converting Colors - WCAG Matrix

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

Hex(39691B) Hex(778A6B) Hex(694A1B) Hex(3A4533) Hex(C4C4C4) Hex(454545)

	Hex(39691B)	Hex(778A6B)	Hex(694A1B)	Hex(3A4533)	Hex(C4C4C4)	Hex(454545)
Hex(39691B)		Ratio: 1.75 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(778A6B)	Ratio: 1.75 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(694A1B)	Ratio: 1.24 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(3A4533)	Ratio: 1.54 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(C4C4C4)	Ratio: 3.75 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 5.79 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.47 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.50 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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