

Converting Colors - WCAG Matrix

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

Hex(0B730B) Hex(6E966E) Hex(73730B) Hex(344D34) Hex(CCCCCC) Hex(4D4D4D)

	Hex(0B730B)	Hex(6E966E)	Hex(73730B)	Hex(344D34)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(0B730B)		Ratio: 1.80 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(6E966E)	Ratio: 1.80 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(73730B)	Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.69 Failed ⁵
Hex(344D34)	Ratio: 1.54 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(CCCCCC)	Ratio: 3.77 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 5.79 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.40 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.26 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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