

Converting Colors - WCAG Matrix

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

Hex(476E29) Hex(808F73) Hex(6E4F29) Hex(3D4738) Hex(C7C7C7) Hex(474747)

	Hex(476E29)	Hex(808F73)	Hex(6E4F29)	Hex(3D4738)	Hex(C7C7C7)	Hex(474747)
Hex(476E29)		Ratio: 1.73 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(808F73)	Ratio: 1.73 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(6E4F29)	Ratio: 1.25 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(3D4738)	Ratio: 1.64 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(C7C7C7)	Ratio: 3.52 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 5.76 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.56 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.24 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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