

Converting Colors - WCAG Matrix

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

Hex(007248) Hex(689484) Hex(2C7200) Hex(2F4A40) Hex(C9C9C9) Hex(4A4A4A)

	Hex(007248)	Hex(689484)	Hex(2C7200)	Hex(2F4A40)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(007248)		Ratio: 1.76 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(689484)	Ratio: 1.76 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(2C7200)	Ratio: 1.00 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(2F4A40)	Ratio: 1.61 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(C9C9C9)	Ratio: 3.62 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 5.83 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.48 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 5.35 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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