

# Converting Colors - WCAG Matrix

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

**Hex(4A7114) Hex(84946F) Hex(713B14) Hex(414A34) Hex(C9C9C9) Hex(4A4A4A)**

	Hex(4A7114)	Hex(84946F)	Hex(713B14)	Hex(414A34)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(4A7114)		Ratio: 1.76 Failed <sup>5</sup>	Ratio: 1.57 Failed <sup>5</sup>	Ratio: 1.63 Failed <sup>5</sup>	Ratio: 3.46 AA 18pt <sup>2</sup>	Ratio: 1.55 Failed <sup>5</sup>
Hex(84946F)	Ratio: 1.76 Failed <sup>5</sup>		Ratio: 2.76 Failed <sup>5</sup>	Ratio: 2.86 Failed <sup>5</sup>	Ratio: 1.97 Failed <sup>5</sup>	Ratio: 2.72 Failed <sup>5</sup>
Hex(713B14)	Ratio: 1.57 Failed <sup>5</sup>	Ratio: 2.76 Failed <sup>5</sup>		Ratio: 1.04 Failed <sup>5</sup>	Ratio: 5.42 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.01 Failed <sup>5</sup>
Hex(414A34)	Ratio: 1.63 Failed <sup>5</sup>	Ratio: 2.86 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>		Ratio: 5.63 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.05 Failed <sup>5</sup>
Hex(C9C9C9)	Ratio: 3.46 AA 18pt <sup>2</sup>	Ratio: 1.97 Failed <sup>5</sup>	Ratio: 5.42 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 5.63 AA <sup>1</sup> AAA 18pt <sup>4</sup>		Ratio: 5.35 AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(4A4A4A)	Ratio: 1.55 Failed <sup>5</sup>	Ratio: 2.72 Failed <sup>5</sup>	Ratio: 1.01 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 5.35 AA <sup>1</sup> AAA 18pt <sup>4</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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