

# Converting Colors - WCAG Matrix

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

**Hex(75C47F) Hex(61C46E) Hex(4EC45D) Hex(3AC44C) Hex(27C43B) Hex(13C429) Hex(00C419)**

	Hex(75C47F)	Hex(61C46E)	Hex(4EC45D)	Hex(3AC44C)	Hex(27C43B)	Hex(13C429)	Hex(00C419)
Hex(75C47F)		<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.11</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.12</a> <a href="#">Failed<sup>5</sup></a>
Hex(61C46E)	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>
Hex(4EC45D)	<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.04</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>
Hex(3AC44C)	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>
Hex(27C43B)	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.04</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>
Hex(13C429)	<a href="#">Ratio: 1.11</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(00C419)	<a href="#">Ratio: 1.12</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	

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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