

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(7FC4CE) Hex(8AF0FF) Hex(7F9DCE) Hex(5C6566) Hex(0090A6) Hex(002126)**

<b>Hex(7FC4CE)</b>		Ratio: <u>1.50</u> Failed <sup>5</sup>	Ratio: <u>1.40</u> Failed <sup>5</sup>	Ratio: <u>3.05</u> AA 18pt <sup>2</sup>	Ratio: <u>1.93</u> Failed <sup>5</sup>	Ratio: <u>8.58</u> Passed <sup>6</sup>
<b>Hex(8AF0FF)</b>	Ratio: <u>1.50</u> Failed <sup>5</sup>		Ratio: <u>2.10</u> Failed <sup>5</sup>	Ratio: <u>4.56</u> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <u>2.89</u> Failed <sup>5</sup>	Ratio: <u>12.84</u> Passed <sup>6</sup>
<b>Hex(7F9DCE)</b>	Ratio: <u>1.40</u> Failed <sup>5</sup>	Ratio: <u>2.10</u> Failed <sup>5</sup>		Ratio: <u>2.17</u> Failed <sup>5</sup>	Ratio: <u>1.37</u> Failed <sup>5</sup>	Ratio: <u>6.11</u> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(5C6566)</b>	Ratio: <u>3.05</u> AA 18pt <sup>2</sup>	Ratio: <u>4.56</u> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <u>2.17</u> Failed <sup>5</sup>		Ratio: <u>1.58</u> Failed <sup>5</sup>	Ratio: <u>2.82</u> Failed <sup>5</sup>
<b>Hex(0090A6)</b>	Ratio: <u>1.93</u> Failed <sup>5</sup>	Ratio: <u>2.89</u> Failed <sup>5</sup>	Ratio: <u>1.37</u> Failed <sup>5</sup>	Ratio: <u>1.58</u> Failed <sup>5</sup>		Ratio: <u>4.45</u> AA 18pt <sup>2</sup>
<b>Hex(002126)</b>	Ratio: <u>8.58</u> Passed <sup>6</sup>	Ratio: <u>12.84</u> Passed <sup>6</sup>	Ratio: <u>6.11</u> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <u>2.82</u> Failed <sup>5</sup>	Ratio: <u>4.45</u> AA 18pt <sup>2</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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