

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(D7F7FF) Hex(CFF5FF) Hex(D7E3FF) Hex(737D80) Hex(0097BF) Hex(003240)**

<b>Hex(D7F7FF)</b>		<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.75</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.02</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 12.18</a> Passed <sup>6</sup>
<b>Hex(CFF5FF)</b>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.65</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 11.87</a> Passed <sup>6</sup>
<b>Hex(D7E3FF)</b>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.28</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.67</a> Passed <sup>6</sup>
<b>Hex(737D80)</b>	<a href="#">Ratio: 3.75</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.65</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.28</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.25</a> AA 18pt <sup>2</sup>
<b>Hex(0097BF)</b>	<a href="#">Ratio: 3.02</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.04</a> AA 18pt <sup>2</sup>
<b>Hex(003240)</b>	<a href="#">Ratio: 12.18</a> Passed <sup>6</sup>	<a href="#">Ratio: 11.87</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.67</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.25</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.04</a> 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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).