

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(7CB3E4) Hex(73BDFF) Hex(7C7FE4) Hex(676D73) Hex(005EB3) Hex(001B33)**

<b>Hex(7CB3E4)</b>		<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.90</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.82</a> Passed <sup>6</sup>
<b>Hex(73BDFF)</b>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.74</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.21</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.68</a> Passed <sup>6</sup>
<b>Hex(7C7FE4)</b>	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.74</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.99</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(676D73)</b>	<a href="#">Ratio: 2.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.33</a> AA 18pt <sup>2</sup>
<b>Hex(005EB3)</b>	<a href="#">Ratio: 2.90</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.21</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.70</a> Failed <sup>5</sup>
<b>Hex(001B33)</b>	<a href="#">Ratio: 7.82</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.68</a> Passed <sup>6</sup>	<a href="#">Ratio: 4.99</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.33</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.70</a> Failed <sup>5</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).