

# Converting Colors - WCAG Matrix

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

**Hex(165C7C) Hex(0270A1) Hex(162A7C) Hex(373B3D) Hex(00577D) Hex(00AFFC)**

	Hex(165C7C)	Hex(0270A1)	Hex(162A7C)	Hex(373B3D)	Hex(00577D)	Hex(00AFFC)
Hex(165C7C)		<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.54</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>
Hex(0270A1)	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.23</a> Failed <sup>5</sup>
Hex(162A7C)	<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.32</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.15</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(373B3D)	<a href="#">Ratio: 1.54</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.60</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(00577D)	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.21</a> AA 18pt <sup>2</sup>
Hex(00AFFC)	<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.15</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 4.60</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.21</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).