

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(E37598) Hex(FF6B9A) Hex(E38775) Hex(73676B) Hex(B30039) Hex(330010)**

<b>Hex(E37598)</b>		<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: 1.87</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.44</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 6.33</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>
<b>Hex(FF6B9A)</b>	<a href="#">Ratio: 1.08</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.63</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 6.81</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>
<b>Hex(E38775)</b>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.68</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 6.96</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>
<b>Hex(73676B)</b>	<a href="#">Ratio: 1.87</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.06</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.30</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.38</a> <a href="#">AA 18pt<sup>2</sup></a>
<b>Hex(B30039)</b>	<a href="#">Ratio: 2.44</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.63</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.68</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.30</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.59</a> <a href="#">Failed<sup>5</sup></a>
<b>Hex(330010)</b>	<a href="#">Ratio: 6.33</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 6.81</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 6.96</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 3.38</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 2.59</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.

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