

# Converting Colors - WCAG Matrix

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

**Hex(F6E8FF) Hex(F5E3FF) Hex(FFE8FC) Hex(7B7380) Hex(7800BF) Hex(280040)**

<b>Hex(F6E8FF)</b>		<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.89</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 7.02</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.38</a> Passed <sup>6</sup>
<b>Hex(F5E3FF)</b>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.76</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 6.79</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 14.87</a> Passed <sup>6</sup>
<b>Hex(FFE8FC)</b>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 7.13</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.63</a> Passed <sup>6</sup>
<b>Hex(7B7380)</b>	<a href="#">Ratio: 3.89</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.76</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.96</a> AA 18pt <sup>2</sup>
<b>Hex(7800BF)</b>	<a href="#">Ratio: 7.02</a> Passed <sup>6</sup>	<a href="#">Ratio: 6.79</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 7.13</a> Passed <sup>6</sup>	<a href="#">Ratio: 1.81</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.19</a> Failed <sup>5</sup>
<b>Hex(280040)</b>	<a href="#">Ratio: 15.38</a> Passed <sup>6</sup>	<a href="#">Ratio: 14.87</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.63</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.96</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.19</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](http://convertingcolors.com).