

# Converting Colors - WCAG Matrix

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

**Hex(FFE5F2) Hex(FFF7FB) Hex(F2E5FF) Hex(807A7D) Hex(FFFFFF) Hex(808080)**

<b>Hex(FFE5F2)</b>		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.55</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.34</a> AA 18pt <sup>2</sup>
<b>Hex(FFF7FB)</b>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.99</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.75</a> AA 18pt <sup>2</sup>
<b>Hex(F2E5FF)</b>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.49</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.28</a> AA 18pt <sup>2</sup>
<b>Hex(807A7D)</b>	<a href="#">Ratio: 3.55</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.99</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.49</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 4.20</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>
<b>Hex(FFFFFF)</b>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.20</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>
<b>Hex(808080)</b>	<a href="#">Ratio: 3.34</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.75</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.28</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.95</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).