

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(C1A1BD) Hex(FAC8F4) Hex(C1A1AD) Hex(615760) Hex(A1008D) Hex(21001D)**

<b>Hex(C1A1BD)</b>		<a href="#">Ratio: 1.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.14</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.41</a> Passed <sup>6</sup>
<b>Hex(FAC8F4)</b>	<a href="#">Ratio: 1.61</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.81</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.05</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 13.52</a> Passed <sup>6</sup>
<b>Hex(C1A1AD)</b>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.09</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.29</a> Passed <sup>6</sup>
<b>Hex(615760)</b>	<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.81</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.95</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>
<b>Hex(A1008D)</b>	<a href="#">Ratio: 3.14</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.05</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.09</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.68</a> Failed <sup>5</sup>
<b>Hex(21001D)</b>	<a href="#">Ratio: 8.41</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.52</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.29</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.68</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).