

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(C7A6BA) Hex(FFCCEB) Hex(C7A6AA) Hex(635A60) Hex(A30064) Hex(240016)**

<b>Hex(C7A6BA)</b>		<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.03</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.83</a> Passed <sup>6</sup>
<b>Hex(FFCCEB)</b>	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.77</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.50</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 13.89</a> Passed <sup>6</sup>
<b>Hex(C7A6AA)</b>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.45</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.71</a> Passed <sup>6</sup>
<b>Hex(635A60)</b>	<a href="#">Ratio: 3.03</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.77</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>
<b>Hex(A30064)</b>	<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.50</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.45</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.52</a> Failed <sup>5</sup>
<b>Hex(240016)</b>	<a href="#">Ratio: 8.83</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.89</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.71</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.52</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.

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