

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(AC5B95) Hex(E0C1D7) Hex(725BAC) Hex(705D6B) Hex(F0F0F0) Hex(707070)**

<b>Hex(AC5B95)</b>		<a href="#">Ratio: 2.73</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.93</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>
<b>Hex(E0C1D7)</b>	<a href="#">Ratio: 2.73</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.36</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.69</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.01</a> AA 18pt <sup>2</sup>
<b>Hex(725BAC)</b>	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.36</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.84</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>
<b>Hex(705D6B)</b>	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.69</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.32</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>
<b>Hex(F0F0F0)</b>	<a href="#">Ratio: 3.93</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.84</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.32</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 4.35</a> AA 18pt <sup>2</sup>
<b>Hex(707070)</b>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.01</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.35</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.

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