

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A7B9BA) Hex(D5F1F2) Hex(A7B0BA) Hex(535B5C) Hex(00939C) Hex(001A1C)**

<b>Hex(A7B9BA)</b>		<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.41</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.82</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.84</a> Passed <sup>6</sup>
<b>Hex(D5F1F2)</b>	<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.86</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.13</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 15.19</a> Passed <sup>6</sup>
<b>Hex(A7B0BA)</b>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.17</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.21</a> Passed <sup>6</sup>
<b>Hex(535B5C)</b>	<a href="#">Ratio: 3.41</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.86</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.17</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.59</a> Failed <sup>5</sup>
<b>Hex(00939C)</b>	<a href="#">Ratio: 1.82</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.13</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.85</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(001A1C)</b>	<a href="#">Ratio: 8.84</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.19</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.21</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.85</a> AA <sup>1</sup> AAA 18pt <sup>4</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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