

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(99BFB4) Hex(BCF7E6) Hex(99B7BF) Hex(555E5C) Hex(009E70) Hex(001F16)**

<b>Hex(99BFB4)</b>		<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.33</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.71</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.67</a> Passed <sup>6</sup>
<b>Hex(BCF7E6)</b>	<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.78</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.60</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 14.56</a> Passed <sup>6</sup>
<b>Hex(99B7BF)</b>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.78</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.14</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.18</a> Passed <sup>6</sup>
<b>Hex(555E5C)</b>	<a href="#">Ratio: 3.33</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.60</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.14</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.60</a> Failed <sup>5</sup>
<b>Hex(009E70)</b>	<a href="#">Ratio: 1.71</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.07</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(001F16)</b>	<a href="#">Ratio: 8.67</a> Passed <sup>6</sup>	<a href="#">Ratio: 14.56</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.18</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.07</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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