

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(CCD0C8) Hex(F8FFF2) Hex(C8D0C8) Hex(656962) Hex(4AA800) Hex(122900)**

<b>Hex(CCD0C8)</b>		<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.58</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.00</a> Passed <sup>6</sup>
<b>Hex(F8FFF2)</b>	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.49</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>	<a href="#">Ratio: 15.32</a> Passed <sup>6</sup>
<b>Hex(C8D0C8)</b>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.55</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.91</a> Passed <sup>6</sup>
<b>Hex(656962)</b>	<a href="#">Ratio: 3.58</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.49</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.55</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.79</a> Failed <sup>5</sup>
<b>Hex(4AA800)</b>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.99</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.13</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(122900)</b>	<a href="#">Ratio: 10.00</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.32</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.91</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.79</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.13</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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