

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(B0C1A1) Hex(DFFAC8) Hex(A1C1A2) Hex(5C6157) Hex(4BA100) Hex(102100)**

	Hex(B0C1A1)	Hex(DFFAC8)	Hex(A1C1A2)	Hex(5C6157)	Hex(4BA100)	Hex(102100)
Hex(B0C1A1)		<a href="#">Ratio: 1.70</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.33</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.86</a> Passed <sup>6</sup>
Hex(DFFAC8)	<a href="#">Ratio: 1.70</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.75</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.65</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 15.04</a> Passed <sup>6</sup>
Hex(A1C1A2)	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.75</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.23</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.60</a> Passed <sup>6</sup>
Hex(5C6157)	<a href="#">Ratio: 3.33</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.65</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.23</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.66</a> Failed <sup>5</sup>
Hex(4BA100)	<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.16</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(102100)	<a href="#">Ratio: 8.86</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.04</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.60</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.16</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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