

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(14AD8C) Hex(00E0B0) Hex(1482AD) Hex(4E5755) Hex(009676) Hex(001712)**

<b>Hex(14AD8C)</b>		<a href="#">Ratio: 1.66</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.53</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 2.62</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.31</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 6.53</a> <b>AA</b> <sup>1</sup> <b>AAA 18pt</b> <sup>4</sup>
<b>Hex(00E0B0)</b>	<a href="#">Ratio: 1.66</a> <b>Failed</b> <sup>5</sup>		<a href="#">Ratio: 2.55</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 4.36</a> <b>AA 18pt</b> <sup>2</sup>	<a href="#">Ratio: 2.19</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 10.86</a> <b>Passed</b> <sup>6</sup>
<b>Hex(1482AD)</b>	<a href="#">Ratio: 1.53</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 2.55</a> <b>Failed</b> <sup>5</sup>		<a href="#">Ratio: 1.71</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.17</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 4.27</a> <b>AA 18pt</b> <sup>2</sup>
<b>Hex(4E5755)</b>	<a href="#">Ratio: 2.62</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 4.36</a> <b>AA 18pt</b> <sup>2</sup>	<a href="#">Ratio: 1.71</a> <b>Failed</b> <sup>5</sup>		<a href="#">Ratio: 2.00</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 2.49</a> <b>Failed</b> <sup>5</sup>
<b>Hex(009676)</b>	<a href="#">Ratio: 1.31</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 2.19</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 1.17</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 2.00</a> <b>Failed</b> <sup>5</sup>		<a href="#">Ratio: 4.97</a> <b>AA</b> <sup>1</sup> <b>AAA 18pt</b> <sup>4</sup>
<b>Hex(001712)</b>	<a href="#">Ratio: 6.53</a> <b>AA</b> <sup>1</sup> <b>AAA 18pt</b> <sup>4</sup>	<a href="#">Ratio: 10.86</a> <b>Passed</b> <sup>6</sup>	<a href="#">Ratio: 4.27</a> <b>AA 18pt</b> <sup>2</sup>	<a href="#">Ratio: 2.49</a> <b>Failed</b> <sup>5</sup>	<a href="#">Ratio: 4.97</a> <b>AA</b> <sup>1</sup> <b>AAA 18pt</b> <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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