

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(D8A1A2) Hex(D8B7B7) Hex(D8CCCC) Hex(D8E2E2) Hex(D8F7F7) Hex(D8FFFF)**

<b>Hex(D8A1A2)</b>		<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>
<b>Hex(D8B7B7)</b>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.73</a> Failed <sup>5</sup>
<b>Hex(D8CCCC)</b>	<a href="#">Ratio: 1.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>
<b>Hex(D8E2E2)</b>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>
<b>Hex(D8F7F7)</b>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>
<b>Hex(D8FFFF)</b>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.73</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</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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