

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(DB99B8) Hex(FFA3CE) Hex(DB9B99) Hex(6E6368) Hex(AD0051) Hex(2E0015)**

<b>Hex(DB99B8)</b>		<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.54</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.20</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.22</a> Passed <sup>6</sup>
<b>Hex(FFA3CE)</b>	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.12</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.93</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.10</a> Passed <sup>6</sup>
<b>Hex(DB9B99)</b>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.51</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.16</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.13</a> Passed <sup>6</sup>
<b>Hex(6E6368)</b>	<a href="#">Ratio: 2.54</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.12</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.51</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>
<b>Hex(AD0051)</b>	<a href="#">Ratio: 3.20</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.93</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.16</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.57</a> Failed <sup>5</sup>
<b>Hex(2E0015)</b>	<a href="#">Ratio: 8.22</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.10</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.13</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.57</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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