

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(AA7A85) Hex(DE92A4) Hex(AA867A) Hex(544C4E) Hex(940023) Hex(140005)**

<b>Hex(AA7A85)</b>		<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.65</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(DE92A4)</b>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.83</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.48</a> Passed <sup>6</sup>
<b>Hex(AA867A)</b>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.54</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.20</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(544C4E)</b>	<a href="#">Ratio: 2.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.54</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>
<b>Hex(940023)</b>	<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.83</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.21</a> Failed <sup>5</sup>
<b>Hex(140005)</b>	<a href="#">Ratio: 5.65</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 8.48</a> Passed <sup>6</sup>	<a href="#">Ratio: 6.20</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.21</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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