

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(AC4F77) Hex(E04F8E) Hex(A6AC4F) Hex(574E52) Hex(960041) Hex(17000A)**

<b>Hex(AC4F77)</b>		<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.74</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.98</a> AA 18pt <sup>2</sup>
<b>Hex(E04F8E)</b>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.46</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(A6AC4F)</b>	<a href="#">Ratio: 2.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.30</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.64</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.30</a> Passed <sup>6</sup>
<b>Hex(574E52)</b>	<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.30</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.51</a> Failed <sup>5</sup>
<b>Hex(960041)</b>	<a href="#">Ratio: 1.74</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.64</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>
<b>Hex(17000A)</b>	<a href="#">Ratio: 3.98</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.46</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 8.30</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.51</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.28</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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