

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A06673) Hex(D1758A) Hex(A07566) Hex(4F4749) Hex(8F0020) Hex(0F0003)**

<b>Hex(A06673)</b>		<a href="#">Ratio: 1.43</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.99</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.12</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.54</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
<b>Hex(D1758A)</b>	<a href="#">Ratio: 1.43</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.27</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.84</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.03</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 6.48</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
<b>Hex(A07566)</b>	<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.27</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.25</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.39</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.12</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
<b>Hex(4F4749)</b>	<a href="#">Ratio: 1.99</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.84</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.25</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.28</a> <a href="#">Failed</a> <sup>5</sup>
<b>Hex(8F0020)</b>	<a href="#">Ratio: 2.12</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.03</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.39</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.14</a> <a href="#">Failed</a> <sup>5</sup>
<b>Hex(0F0003)</b>	<a href="#">Ratio: 4.54</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 6.48</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 5.12</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 2.28</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.14</a> <a href="#">Failed</a> <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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