

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A6004F) Hex(D998B7) Hex(5600A6) Hex(6E4659) Hex(EDEDED) Hex(6E6E6E)**

<b>Hex(A6004F)</b>		<a href="#">Ratio: 3.34</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.56</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.51</a> Failed <sup>5</sup>
<b>Hex(D998B7)</b>	<a href="#">Ratio: 3.34</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 4.69</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.40</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.97</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.22</a> Failed <sup>5</sup>
<b>Hex(5600A6)</b>	<a href="#">Ratio: 1.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.69</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 1.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.22</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.12</a> Failed <sup>5</sup>
<b>Hex(6E4659)</b>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.40</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.38</a> Failed <sup>5</sup>		<a href="#">Ratio: 6.68</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>
<b>Hex(EDEDED)</b>	<a href="#">Ratio: 6.56</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.97</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.22</a> Passed <sup>6</sup>	<a href="#">Ratio: 6.68</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 4.36</a> AA 18pt <sup>2</sup>
<b>Hex(6E6E6E)</b>	<a href="#">Ratio: 1.51</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.36</a> AA 18pt <sup>2</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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