

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(CE847E) Hex(FF9087) Hex(CEAB7E) Hex(665D5C) Hex(A60C00) Hex(260300)**

<b>Hex(CE847E)</b>		<a href="#">Ratio: 1.33</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.35</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.20</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.70</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.60</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
<b>Hex(FF9087)</b>	<a href="#">Ratio: 1.33</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.92</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.59</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 8.76</a> <a href="#">Passed</a> <sup>6</sup>
<b>Hex(CEAB7E)</b>	<a href="#">Ratio: 1.35</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.97</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.65</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 8.90</a> <a href="#">Passed</a> <sup>6</sup>
<b>Hex(665D5C)</b>	<a href="#">Ratio: 2.20</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.92</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.97</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.23</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.00</a> <a href="#">AA 18pt</a> <sup>2</sup>
<b>Hex(A60C00)</b>	<a href="#">Ratio: 2.70</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.59</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 3.65</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.23</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.44</a> <a href="#">Failed</a> <sup>5</sup>
<b>Hex(260300)</b>	<a href="#">Ratio: 6.60</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 8.76</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 8.90</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 3.00</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.44</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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