

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(B8B67F) Hex(F0ED97) Hex(9EB87F) Hex(5C5B53) Hex(9C9600) Hex(1C1B00)**

<b>Hex(B8B67F)</b>		<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.26</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.32</a> Passed <sup>6</sup>
<b>Hex(F0ED97)</b>	<a href="#">Ratio: 1.72</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.61</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 14.31</a> Passed <sup>6</sup>
<b>Hex(9EB87F)</b>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.13</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.97</a> Passed <sup>6</sup>
<b>Hex(5C5B53)</b>	<a href="#">Ratio: 3.26</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.61</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.13</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 2.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>
<b>Hex(9C9600)</b>	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.20</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.62</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(1C1B00)</b>	<a href="#">Ratio: 8.32</a> Passed <sup>6</sup>	<a href="#">Ratio: 14.31</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.97</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.62</a> AA <sup>1</sup> AAA 18pt <sup>4</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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