

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

**Hex(CEC6CB) Hex(FFF5FC) Hex(CECCC6) Hex(666164) Hex(A6006E) Hex(260019)**

<b>Hex(CEC6CB)</b>		<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.63</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.41</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 11.46</a> Passed <sup>6</sup>
<b>Hex(FFF5FC)</b>	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.51</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.70</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 6.93</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 17.98</a> Passed <sup>6</sup>
<b>Hex(CECCC6)</b>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.51</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.78</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.59</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 11.93</a> Passed <sup>6</sup>
<b>Hex(666164)</b>	<a href="#">Ratio: 3.63</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.70</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.78</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.15</a> AA 18pt <sup>2</sup>
<b>Hex(A6006E)</b>	<a href="#">Ratio: 4.41</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 6.93</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 4.59</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.60</a> Failed <sup>5</sup>
<b>Hex(260019)</b>	<a href="#">Ratio: 11.46</a> Passed <sup>6</sup>	<a href="#">Ratio: 17.98</a> Passed <sup>6</sup>	<a href="#">Ratio: 11.93</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.15</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.60</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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