

# Converting Colors - WCAG Matrix

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

**Hex(D6ABAB) Hex(FFF0F0) Hex(D6ABD6) Hex(807878) Hex(000000) Hex(808080)**

	Hex(D6ABAB)	Hex(FFF0F0)	Hex(D6ABD6)	Hex(807878)	Hex(000000)	Hex(808080)
Hex(D6ABAB)		<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.27</a> Passed <sup>6</sup>	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>
Hex(FFF0F0)	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.78</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.89</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 18.97</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.57</a> AA 18pt <sup>2</sup>
Hex(D6ABD6)	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.78</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.66</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.00</a> Failed <sup>5</sup>
Hex(807878)	<a href="#">Ratio: 2.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.89</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.19</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.88</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>
Hex(000000)	<a href="#">Ratio: 10.27</a> Passed <sup>6</sup>	<a href="#">Ratio: 18.97</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.66</a> Passed <sup>6</sup>	<a href="#">Ratio: 4.88</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 5.32</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(808080)	<a href="#">Ratio: 1.93</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.57</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.32</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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).