

# Converting Colors - WCAG Matrix

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

**Hex(AD4DBF) Hex(DB45F7) Hex(BF4D99) Hex(5D555E) Hex(85009E) Hex(1A001F)**

	Hex(AD4DBF)	Hex(DB45F7)	Hex(BF4D99)	Hex(5D555E)	Hex(85009E)	Hex(1A001F)
Hex(AD4DBF)		<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.32</a> AA 18pt <sup>2</sup>
Hex(DB45F7)	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.83</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(BF4D99)	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.90</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.45</a> AA 18pt <sup>2</sup>
Hex(5D555E)	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.62</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.75</a> Failed <sup>5</sup>
Hex(85009E)	<a href="#">Ratio: 1.84</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.90</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.34</a> Failed <sup>5</sup>
Hex(1A001F)	<a href="#">Ratio: 4.32</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.83</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 4.45</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.75</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.34</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

Failed 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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