

# Converting Colors - WCAG Matrix

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

Hex(D696D0) Hex(FFA3F6) Hex(D6BC96) Hex(6B606A) Hex(AB009A) Hex(2B0027)

	Hex(D696D0)	Hex(FFA3F6)	Hex(D6BC96)	Hex(6B606A)	Hex(AB009A)	Hex(2B0027)
Hex(D696D0)		<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.07</a> Passed <sup>6</sup>
Hex(FFA3F6)	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.37</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.70</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.44</a> Passed <sup>6</sup>
Hex(D6BC96)	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.28</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.59</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.15</a> Passed <sup>6</sup>
Hex(6B606A)	<a href="#">Ratio: 2.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.37</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.28</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.10</a> AA 18pt <sup>2</sup>
Hex(AB009A)	<a href="#">Ratio: 2.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.70</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.59</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>
Hex(2B0027)	<a href="#">Ratio: 8.07</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.44</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.15</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.10</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.83</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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