

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(D6295D) Hex(FF0852) Hex(B6D629) Hex(6B6064) Hex(AB0033) Hex(2B000D)**

<b>Hex(D6295D)</b>		<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.92</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.91</a> AA 18pt <sup>2</sup>
<b>Hex(FF0852)</b>	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.88</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(B6D629)</b>	<a href="#">Ratio: 2.92</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.34</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.63</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.55</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 11.40</a> Passed <sup>6</sup>
<b>Hex(6B6064)</b>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.63</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.14</a> AA 18pt <sup>2</sup>
<b>Hex(AB0033)</b>	<a href="#">Ratio: 1.56</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.95</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.55</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.51</a> Failed <sup>5</sup>
<b>Hex(2B000D)</b>	<a href="#">Ratio: 3.91</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.88</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 11.40</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.14</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.51</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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