

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(BF00A3) Hex(F700D2) Hex(BF7900) Hex(5E555D) Hex(9E0086) Hex(1F001A)**

	Hex(BF00A3)	Hex(F700D2)	Hex(BF7900)	Hex(5E555D)	Hex(9E0086)	Hex(1F001A)
Hex(BF00A3)		<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.49</a> AA 18pt <sup>2</sup>
Hex(F700D2)	<a href="#">Ratio: 1.57</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.48</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(BF7900)	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.54</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(5E555D)	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.03</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.73</a> Failed <sup>5</sup>
Hex(9E0086)	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.61</a> Failed <sup>5</sup>
Hex(1F001A)	<a href="#">Ratio: 3.49</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.48</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.54</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.73</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.61</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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