

# Converting Colors - WCAG Matrix

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

**Hex(6F3FC8) Hex(772EFF) Hex(B33FC8) Hex(5D5A63) Hex(3900A3) Hex(0D0024)**

	Hex(6F3FC8)	Hex(772EFF)	Hex(B33FC8)	Hex(5D5A63)	Hex(3900A3)	Hex(0D0024)
Hex(6F3FC8)		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.09</a> AA 18pt <sup>2</sup>
Hex(772EFF)	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>
Hex(B33FC8)	<a href="#">Ratio: 1.39</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.28</a> AA 18pt <sup>2</sup>
Hex(5D5A63)	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.98</a> Failed <sup>5</sup>
Hex(3900A3)	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.83</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.63</a> Failed <sup>5</sup>
Hex(0D0024)	<a href="#">Ratio: 3.09</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.28</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.98</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.63</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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