

# Converting Colors - WCAG Matrix

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

**Hex(FE9BF8) Hex(FF87F7) Hex(C8FE9B) Hex(80737F) Hex(BF00B3) Hex(40003C)**

	Hex(FE9BF8)	Hex(FF87F7)	Hex(C8FE9B)	Hex(80737F)	Hex(BF00B3)	Hex(40003C)
Hex(FE9BF8)		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.77</a> Passed <sup>6</sup>
Hex(FF87F7)	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.84</a> Passed <sup>6</sup>
Hex(C8FE9B)	<a href="#">Ratio: 1.61</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.87</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.68</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 14.11</a> Passed <sup>6</sup>
Hex(80737F)	<a href="#">Ratio: 2.41</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.87</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.64</a> AA 18pt <sup>2</sup>
Hex(BF00B3)	<a href="#">Ratio: 2.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.68</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.01</a> AA 18pt <sup>2</sup>
Hex(40003C)	<a href="#">Ratio: 8.77</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.84</a> Passed <sup>6</sup>	<a href="#">Ratio: 14.11</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.64</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.01</a> AA 18pt <sup>2</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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