

# Converting Colors - WCAG Matrix

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

**Hex(FF88FF) Hex(FFA2FF) Hex(FFBBFF) Hex(FFD5FF) Hex(FFEEFF) Hex(FFFFFF)**

	Hex(FF88FF)	Hex(FFA2FF)	Hex(FFBBFF)	Hex(FFD5FF)	Hex(FFEEFF)	Hex(FFFFFF)
Hex(FF88FF)		<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>
Hex(FFA2FF)	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>
Hex(FFBBFF)	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>
Hex(FFD5FF)	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>
Hex(FFEEFF)	<a href="#">Ratio: 1.85</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.17</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>
Hex(FFFFFF)	<a href="#">Ratio: 2.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.11</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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