

# Converting Colors - WCAG Matrix

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

**Hex(7DD2FF) Hex(FFFFFF) Hex(B8FFFF) Hex(D6FFFF) Hex(F4FFFF)**

	Hex(7DD2FF)	Hex(FFFFFF)	Hex(B8FFFF)	Hex(D6FFFF)	Hex(F4FFFF)
Hex(7DD2FF)		<a href="#">Ratio: 1.68</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.50</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.56</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.64</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFFF)	<a href="#">Ratio: 1.68</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.12</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.07</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>
Hex(B8FFFF)	<a href="#">Ratio: 1.50</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.12</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.04</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>
Hex(D6FFFF)	<a href="#">Ratio: 1.56</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.07</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.04</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>
Hex(F4FFFF)	<a href="#">Ratio: 1.64</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.02</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.05</a> <a href="#">Failed<sup>5</sup></a>	

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.

This PDF was generated on [convertingcolors.com](http://convertingcolors.com).