

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(D30059) Hex(FFC1EA) Hex(FF588B) Hex(FF77A5) Hex(FF94C0) Hex(FFB2DC)**

	Hex(D30059)	Hex(FFC1EA)	Hex(FF588B)	Hex(FF77A5)	Hex(FF94C0)	Hex(FFB2DC)
Hex(D30059)		<a href="#">Ratio: 3.59</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.79</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.23</a> AA 18pt <sup>2</sup>
Hex(FFC1EA)	<a href="#">Ratio: 3.59</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 2.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>
Hex(FF588B)	<a href="#">Ratio: 1.79</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.00</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>
Hex(FF77A5)	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>
Hex(FF94C0)	<a href="#">Ratio: 2.62</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.22</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.23</a> Failed <sup>5</sup>
Hex(FFB2DC)	<a href="#">Ratio: 3.23</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.23</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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