

# Converting Colors - WCAG Matrix

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

**Hex(E68ABB) Hex(FFFFFF) Hex(FFC1F3) Hex(FFDDFF) Hex(FFFAFF)**

	Hex(E68ABB)	Hex(FFFFFF)	Hex(FFC1F3)	Hex(FFDDFF)	Hex(FFFAFF)
Hex(E68ABB)	<a href="#">Ratio: 2.41</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.63</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.95</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.34</a> <a href="#">Failed<sup>5</sup></a>	
Hex(FFFFFF)	<a href="#">Ratio: 2.41</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.48</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.23</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	
Hex(FFC1F3)	<a href="#">Ratio: 1.63</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.48</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.44</a> <a href="#">Failed<sup>5</sup></a>	
Hex(FFDDFF)	<a href="#">Ratio: 1.95</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.23</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	
Hex(FFFAFF)	<a href="#">Ratio: 2.34</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.44</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</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.

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