

# Converting Colors - WCAG Matrix

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

Hex(F0BBE0) Hex(FFBAEA) Hex(BBF0E5) Hex(786C74) Hex(B80080) Hex(380027)

	Hex(F0BBE0)	Hex(FFBAEA)	Hex(BBF0E5)	Hex(786C74)	Hex(B80080)	Hex(380027)
Hex(F0BBE0)		<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.07</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.76</a> Passed <sup>6</sup>
Hex(FFBAEA)	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.21</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.02</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 11.24</a> Passed <sup>6</sup>
Hex(BBF0E5)	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.98</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.99</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 13.95</a> Passed <sup>6</sup>
Hex(786C74)	<a href="#">Ratio: 3.07</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.21</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.98</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>
Hex(B80080)	<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.02</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.99</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.80</a> Failed <sup>5</sup>
Hex(380027)	<a href="#">Ratio: 10.76</a> Passed <sup>6</sup>	<a href="#">Ratio: 11.24</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.95</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.50</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.80</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.

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