

# Converting Colors - WCAG Matrix

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

**Hex(FFFFFF) Hex(FFFFFFB) Hex(FFFDFD) Hex(EFFFC2) Hex(D3F5A7) Hex(B7D98C)**

	Hex(FFFFFF)	Hex(FFFFFFB)	Hex(FFFDFD)	Hex(EFFFC2)	Hex(D3F5A7)	Hex(B7D98C)
Hex(FFFFFF)	<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.21</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.58</a> <a href="#">Failed</a> <sup>5</sup>	
Hex(FFFFFFB)	<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.20</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.57</a> <a href="#">Failed</a> <sup>5</sup>
Hex(FFFDFD)	<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.19</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.55</a> <a href="#">Failed</a> <sup>5</sup>
Hex(EFFFC2)	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.14</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.48</a> <a href="#">Failed</a> <sup>5</sup>
Hex(D3F5A7)	<a href="#">Ratio: 1.21</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.20</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.19</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.14</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.31</a> <a href="#">Failed</a> <sup>5</sup>
Hex(B7D98C)	<a href="#">Ratio: 1.58</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.57</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.55</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.48</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.31</a> <a href="#">Failed</a> <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](http://convertingcolors.com).