

# Converting Colors - WCAG Matrix

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

	Hex(A7A3B5)	Hex(B5B5B5)	Hex(C3C7B5)	Hex(D1D9B5)	Hex(DFEBB5)	Hex(EDFDB5)	Hex(FBFFB5)	Hex(FFFFB5)
Hex(A7A3B5)		Ratio: <a href="#">1.20</a> Failed <sup>5</sup>	Ratio: <a href="#">1.42</a> Failed <sup>5</sup>	Ratio: <a href="#">1.67</a> Failed <sup>5</sup>	Ratio: <a href="#">1.95</a> Failed <sup>5</sup>	Ratio: <a href="#">2.26</a> Failed <sup>5</sup>	Ratio: <a href="#">2.35</a> Failed <sup>5</sup>	Ratio: <a href="#">2.37</a> Failed <sup>5</sup>
Hex(B5B5B5)	Ratio: <a href="#">1.20</a> Failed <sup>5</sup>		Ratio: <a href="#">1.19</a> Failed <sup>5</sup>	Ratio: <a href="#">1.40</a> Failed <sup>5</sup>	Ratio: <a href="#">1.63</a> Failed <sup>5</sup>	Ratio: <a href="#">1.89</a> Failed <sup>5</sup>	Ratio: <a href="#">1.96</a> Failed <sup>5</sup>	Ratio: <a href="#">1.97</a> Failed <sup>5</sup>
Hex(C3C7B5)	Ratio: <a href="#">1.42</a> Failed <sup>5</sup>	Ratio: <a href="#">1.19</a> Failed <sup>5</sup>		Ratio: <a href="#">1.18</a> Failed <sup>5</sup>	Ratio: <a href="#">1.37</a> Failed <sup>5</sup>	Ratio: <a href="#">1.59</a> Failed <sup>5</sup>	Ratio: <a href="#">1.65</a> Failed <sup>5</sup>	Ratio: <a href="#">1.66</a> Failed <sup>5</sup>
Hex(D1D9B5)	Ratio: <a href="#">1.67</a> Failed <sup>5</sup>	Ratio: <a href="#">1.40</a> Failed <sup>5</sup>	Ratio: <a href="#">1.18</a> Failed <sup>5</sup>		Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.35</a> Failed <sup>5</sup>	Ratio: <a href="#">1.40</a> Failed <sup>5</sup>	Ratio: <a href="#">1.41</a> Failed <sup>5</sup>
Hex(DFEBB5)	Ratio: <a href="#">1.95</a> Failed <sup>5</sup>	Ratio: <a href="#">1.63</a> Failed <sup>5</sup>	Ratio: <a href="#">1.37</a> Failed <sup>5</sup>	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>		Ratio: <a href="#">1.16</a> Failed <sup>5</sup>	Ratio: <a href="#">1.20</a> Failed <sup>5</sup>	Ratio: <a href="#">1.21</a> Failed <sup>5</sup>
Hex(EDFDB5)	Ratio: <a href="#">2.26</a> Failed <sup>5</sup>	Ratio: <a href="#">1.89</a> Failed <sup>5</sup>	Ratio: <a href="#">1.59</a> Failed <sup>5</sup>	Ratio: <a href="#">1.35</a> Failed <sup>5</sup>	Ratio: <a href="#">1.16</a> Failed <sup>5</sup>		Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">1.05</a> Failed <sup>5</sup>
Hex(FBFFB5)	Ratio: <a href="#">2.35</a> Failed <sup>5</sup>	Ratio: <a href="#">1.96</a> Failed <sup>5</sup>	Ratio: <a href="#">1.65</a> Failed <sup>5</sup>	Ratio: <a href="#">1.40</a> Failed <sup>5</sup>	Ratio: <a href="#">1.20</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>		Ratio: <a href="#">1.01</a> Failed <sup>5</sup>
Hex(FFFFB5)	Ratio: <a href="#">2.37</a> Failed <sup>5</sup>	Ratio: <a href="#">1.97</a> Failed <sup>5</sup>	Ratio: <a href="#">1.66</a> Failed <sup>5</sup>	Ratio: <a href="#">1.41</a> Failed <sup>5</sup>	Ratio: <a href="#">1.21</a> Failed <sup>5</sup>	Ratio: <a href="#">1.05</a> Failed <sup>5</sup>	Ratio: <a href="#">1.01</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).