

# Converting Colors - WCAG Matrix

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

Hex(B56349) Hex(FFFFFF) Hex(F0977A) Hex(FFB294) Hex(FFCEAF) Hex(FFEACA) Hex(FFFE7)

	Hex(B56349)	Hex(FFFFFF)	Hex(F0977A)	Hex(FFB294)	Hex(FFCEAF)	Hex(FFEACA)	Hex(FFFE7)
Hex(B56349)		Ratio: <a href="#">4.33</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">1.94</a> Failed <sup>5</sup>	Ratio: <a href="#">2.49</a> Failed <sup>5</sup>	Ratio: <a href="#">3.03</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">3.69</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">4.27</a> AA 18pt <sup>2</sup>
Hex(FFFFFF)	Ratio: <a href="#">4.33</a> AA 18pt <sup>2</sup>		Ratio: <a href="#">2.23</a> Failed <sup>5</sup>	Ratio: <a href="#">1.74</a> Failed <sup>5</sup>	Ratio: <a href="#">1.43</a> Failed <sup>5</sup>	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.01</a> Failed <sup>5</sup>
Hex(F0977A)	Ratio: <a href="#">1.94</a> Failed <sup>5</sup>	Ratio: <a href="#">2.23</a> Failed <sup>5</sup>		Ratio: <a href="#">1.28</a> Failed <sup>5</sup>	Ratio: <a href="#">1.56</a> Failed <sup>5</sup>	Ratio: <a href="#">1.90</a> Failed <sup>5</sup>	Ratio: <a href="#">2.20</a> Failed <sup>5</sup>
Hex(FFB294)	Ratio: <a href="#">2.49</a> Failed <sup>5</sup>	Ratio: <a href="#">1.74</a> Failed <sup>5</sup>	Ratio: <a href="#">1.28</a> Failed <sup>5</sup>		Ratio: <a href="#">1.22</a> Failed <sup>5</sup>	Ratio: <a href="#">1.48</a> Failed <sup>5</sup>	Ratio: <a href="#">1.72</a> Failed <sup>5</sup>
Hex(FFCEAF)	Ratio: <a href="#">3.03</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">1.43</a> Failed <sup>5</sup>	Ratio: <a href="#">1.56</a> Failed <sup>5</sup>	Ratio: <a href="#">1.22</a> Failed <sup>5</sup>		Ratio: <a href="#">1.22</a> Failed <sup>5</sup>	Ratio: <a href="#">1.41</a> Failed <sup>5</sup>
Hex(FFEACA)	Ratio: <a href="#">3.69</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.90</a> Failed <sup>5</sup>	Ratio: <a href="#">1.48</a> Failed <sup>5</sup>	Ratio: <a href="#">1.22</a> Failed <sup>5</sup>		Ratio: <a href="#">1.16</a> Failed <sup>5</sup>
Hex(FFFE7)	Ratio: <a href="#">4.27</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">1.01</a> Failed <sup>5</sup>	Ratio: <a href="#">2.20</a> Failed <sup>5</sup>	Ratio: <a href="#">1.72</a> Failed <sup>5</sup>	Ratio: <a href="#">1.41</a> Failed <sup>5</sup>	Ratio: <a href="#">1.16</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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