

# Converting Colors - WCAG Matrix

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

**Hex(DF997C) Hex(FF9F75) Hex(DFCB7C) Hex(706865) Hex(B03500) Hex(300F00)**

|             | Hex(DF997C)  | Hex(FF9F75)   | Hex(DFCB7C)   | Hex(706865)   | Hex(B03500)   | Hex(300F00)   |
|-------------|--|---|---|---|---|---|
| Hex(DF997C) |  | <a href="#">Ratio: 1.17</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 1.44</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 2.33</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 2.68</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 7.53</a><br>Passed <sup>6</sup>  |
| Hex(FF9F75) | <a href="#">Ratio: 1.17</a><br>Failed <sup>5</sup> |   | <a href="#">Ratio: 1.24</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 2.71</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 3.12</a><br>AA 18pt <sup>2</sup> | <a href="#">Ratio: 8.77</a><br>Passed <sup>6</sup>  |
| Hex(DFCB7C) | <a href="#">Ratio: 1.44</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.24</a><br>Failed <sup>5</sup>  |   | <a href="#">Ratio: 3.36</a><br>AA 18pt <sup>2</sup> | <a href="#">Ratio: 3.87</a><br>AA 18pt <sup>2</sup> | <a href="#">Ratio: 10.86</a><br>Passed <sup>6</sup> |
| Hex(706865) | <a href="#">Ratio: 2.33</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 2.71</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 3.36</a><br>AA 18pt <sup>2</sup> |   | <a href="#">Ratio: 1.15</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 3.23</a><br>AA 18pt <sup>2</sup> |
| Hex(B03500) | <a href="#">Ratio: 2.68</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 3.12</a><br>AA 18pt <sup>2</sup> | <a href="#">Ratio: 3.87</a><br>AA 18pt <sup>2</sup> | <a href="#">Ratio: 1.15</a><br>Failed <sup>5</sup>  |   | <a href="#">Ratio: 2.81</a><br>Failed <sup>5</sup>  |
| Hex(300F00) | <a href="#">Ratio: 7.53</a><br>Passed <sup>6</sup> | <a href="#">Ratio: 8.77</a><br>Passed <sup>6</sup>  | <a href="#">Ratio: 10.86</a><br>Passed <sup>6</sup> | <a href="#">Ratio: 3.23</a><br>AA 18pt <sup>2</sup> | <a href="#">Ratio: 2.81</a><br>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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