

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A4988F) Hex(D6C4B6) Hex(A4A28F) Hex(524D49) Hex(913E00) Hex(120800)**

	Hex(A4988F)	Hex(D6C4B6)	Hex(A4A28F)	Hex(524D49)	Hex(913E00)	Hex(120800)
Hex(A4988F)		<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.97</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.58</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.04</a> Passed <sup>6</sup>
Hex(D6C4B6)	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.94</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 4.30</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 11.72</a> Passed <sup>6</sup>
Hex(A4A28F)	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.53</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.68</a> Passed <sup>6</sup>
Hex(524D49)	<a href="#">Ratio: 2.97</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.94</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.37</a> Failed <sup>5</sup>
Hex(913E00)	<a href="#">Ratio: 2.58</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.30</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.73</a> Failed <sup>5</sup>
Hex(120800)	<a href="#">Ratio: 7.04</a> Passed <sup>6</sup>	<a href="#">Ratio: 11.72</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.68</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.73</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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