

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A78C38) Hex(D9AF2E) Hex(8BA738) Hex(54524C) Hex(947000) Hex(140F00)**

	Hex(A78C38)	Hex(D9AF2E)	Hex(8BA738)	Hex(54524C)	Hex(947000)	Hex(140F00)
Hex(A78C38)		<a href="#">Ratio: 1.57</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.19</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.40</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.41</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.88</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(D9AF2E)	<a href="#">Ratio: 1.57</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.32</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.77</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.21</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 9.22</a> <a href="#">Passed</a> <sup>6</sup>
Hex(8BA738)	<a href="#">Ratio: 1.19</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.32</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.86</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.68</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 7.00</a> <a href="#">Passed</a> <sup>6</sup>
Hex(54524C)	<a href="#">Ratio: 2.40</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.77</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.86</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.70</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.45</a> <a href="#">Failed</a> <sup>5</sup>
Hex(947000)	<a href="#">Ratio: 1.41</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.21</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.68</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.70</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 4.17</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(140F00)	<a href="#">Ratio: 5.88</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 9.22</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 7.00</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 2.45</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.17</a> <a href="#">AA 18pt</a> <sup>2</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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