

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(1E333B) Hex(41494D) Hex(1E3B26) Hex(1F2426) Hex(A6A6A6) Hex(262626)**

<b>Hex(1E333B)</b>		Ratio: <a href="#">1.44</a> Failed <sup>5</sup>	Ratio: <a href="#">1.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.19</a> Failed <sup>5</sup>	Ratio: <a href="#">5.42</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">1.15</a> Failed <sup>5</sup>
<b>Hex(41494D)</b>	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>		Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.71</a> Failed <sup>5</sup>	Ratio: <a href="#">3.78</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">1.65</a> Failed <sup>5</sup>
<b>Hex(1E3B26)</b>	Ratio: <a href="#">1.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>		Ratio: <a href="#">1.28</a> Failed <sup>5</sup>	Ratio: <a href="#">5.05</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">1.23</a> Failed <sup>5</sup>
<b>Hex(1F2426)</b>	Ratio: <a href="#">1.19</a> Failed <sup>5</sup>	Ratio: <a href="#">1.71</a> Failed <sup>5</sup>	Ratio: <a href="#">1.28</a> Failed <sup>5</sup>		Ratio: <a href="#">6.44</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>
<b>Hex(A6A6A6)</b>	Ratio: <a href="#">5.42</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">3.78</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">5.05</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">6.44</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		Ratio: <a href="#">6.22</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
<b>Hex(262626)</b>	Ratio: <a href="#">1.15</a> Failed <sup>5</sup>	Ratio: <a href="#">1.65</a> Failed <sup>5</sup>	Ratio: <a href="#">1.23</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">6.22</a> AA <sup>1</sup> AAA 18pt <sup>4</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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