

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(3E4940) Hex(4D5E50) Hex(3E4945) Hex(202421) Hex(006312) Hex(00E329)**

<b>Hex(3E4940)</b>		<a href="#">Ratio: 1.36</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.67</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.25</a> <a href="#">Failed<sup>5</sup></a>
<b>Hex(4D5E50)</b>	<a href="#">Ratio: 1.36</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.35</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.27</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.09</a> <a href="#">Failed<sup>5</sup></a>
<b>Hex(3E4945)</b>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.35</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.68</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>
<b>Hex(202421)</b>	<a href="#">Ratio: 1.67</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.27</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.68</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.09</a> <a href="#">Failed<sup>5</sup></a>
<b>Hex(006312)</b>	<a href="#">Ratio: 1.25</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.09</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.09</a> <a href="#">Failed<sup>5</sup></a>	
<b>Hex(00E329)</b>	<a href="#">Ratio: 5.39</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 3.96</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 5.36</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 9.00</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 4.30</a> <a href="#">AA 18pt<sup>2</sup></a>

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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