

# Converting Colors - WCAG Matrix

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

**Hex(003600) Hex(004500) Hex(00361B) Hex(191C19) Hex(005C00) Hex(00DB01)**

	Hex(003600)	Hex(004500)	Hex(00361B)	Hex(191C19)	Hex(005C00)	Hex(00DB01)
Hex(003600)		<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.29</a> Passed <sup>6</sup>
Hex(004500)	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 6.01</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(00361B)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 7.21</a> Passed <sup>6</sup>
Hex(191C19)	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.52</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.26</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.11</a> Passed <sup>6</sup>
Hex(005C00)	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.40</a> AA 18pt <sup>2</sup>
Hex(00DB01)	<a href="#">Ratio: 7.29</a> Passed <sup>6</sup>	<a href="#">Ratio: 6.01</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 7.21</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.11</a> Passed <sup>6</sup>	<a href="#">Ratio: 4.40</a> AA 18pt <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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