

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(344E67) Hex(1B374F) Hex(002238) Hex(000B22) Hex(000009) Hex(000000)**

	Hex(344E67)	Hex(1B374F)	Hex(002238)	Hex(000B22)	Hex(000009)	Hex(000000)
Hex(344E67)		<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.43</a> Failed <sup>5</sup>
Hex(1B374F)	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.70</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.71</a> Failed <sup>5</sup>
Hex(002238)	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.33</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>
Hex(000B22)	<a href="#">Ratio: 2.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>
Hex(000009)	<a href="#">Ratio: 2.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.70</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.00</a> Failed <sup>5</sup>
Hex(000000)	<a href="#">Ratio: 2.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.71</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.00</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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