

# Converting Colors - WCAG Matrix

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

**Hex(005136) Hex(006946) Hex(004551) Hex(252927) Hex(00E89A)**

	Hex(005136)	Hex(006946)	Hex(004551)	Hex(252927)	Hex(00E89A)
Hex(005136)		<a href="#">Ratio: 1.39</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.56</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.83</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(006946)	<a href="#">Ratio: 1.39</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.58</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.18</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.18</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(004551)	<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.58</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.38</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.60</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(252927)	<a href="#">Ratio: 1.56</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.18</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.38</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 9.13</a> <a href="#">Passed</a> <sup>6</sup>
Hex(00E89A)	<a href="#">Ratio: 5.83</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 4.18</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 6.60</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 9.13</a> <a href="#">Passed</a> <sup>6</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.

This PDF was generated on [convertingcolors.com](http://convertingcolors.com).