

# Converting Colors - WCAG Matrix

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

**Hex(30594F) Hex(184138) Hex(002B23) Hex(00180D) Hex(000000)**

	Hex(30594F)	Hex(184138)	Hex(002B23)	Hex(00180D)	Hex(000000)
Hex(30594F)		<a href="#">Ratio: 1.44</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.95</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.35</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.67</a> <a href="#">Failed<sup>5</sup></a>
Hex(184138)	<a href="#">Ratio: 1.44</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.35</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.63</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.85</a> <a href="#">Failed<sup>5</sup></a>
Hex(002B23)	<a href="#">Ratio: 1.95</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.35</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.21</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.37</a> <a href="#">Failed<sup>5</sup></a>
Hex(00180D)	<a href="#">Ratio: 2.35</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.63</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.21</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.14</a> <a href="#">Failed<sup>5</sup></a>
Hex(000000)	<a href="#">Ratio: 2.67</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.85</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.37</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.14</a> <a href="#">Failed<sup>5</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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