

# Converting Colors - WCAG Matrix

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

**Hex(8C1A3F) Hex(6F0029) Hex(530015) Hex(3A0002) Hex(380002)**

	Hex(8C1A3F)	Hex(6F0029)	Hex(530015)	Hex(3A0002)	Hex(380002)
Hex(8C1A3F)		<a href="#">Ratio: 1.37</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.69</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.98</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.00</a> <a href="#">Failed<sup>5</sup></a>
Hex(6F0029)	<a href="#">Ratio: 1.37</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.45</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.46</a> <a href="#">Failed<sup>5</sup></a>
Hex(530015)	<a href="#">Ratio: 1.69</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.24</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.17</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.18</a> <a href="#">Failed<sup>5</sup></a>
Hex(3A0002)	<a href="#">Ratio: 1.98</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.45</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.17</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(380002)	<a href="#">Ratio: 2.00</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.46</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.18</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</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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