

# Converting Colors - WCAG Matrix

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

Hex(9E357D) Hex(821664) Hex(67004C) Hex(4C0035) Hex(360020) Hex(120003) Hex(000000)

	Hex(9E357D)	Hex(821664)	Hex(67004C)	Hex(4C0035)	Hex(360020)	Hex(120003)	Hex(000000)
Hex(9E357D)		<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.17</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.26</a> AA 18pt <sup>2</sup>
Hex(821664)	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.65</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.25</a> Failed <sup>5</sup>
Hex(67004C)	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>
Hex(4C0035)	<a href="#">Ratio: 2.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.65</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.24</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.36</a> Failed <sup>5</sup>
Hex(360020)	<a href="#">Ratio: 2.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.43</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>
Hex(120003)	<a href="#">Ratio: 3.17</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.32</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>
Hex(000000)	<a href="#">Ratio: 3.26</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.36</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.03</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.

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