

# Converting Colors - WCAG Matrix

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

**Hex(3F464E) Hex(293038) Hex(141B22) Hex(00000C) Hex(000000)**

	Hex(3F464E)	Hex(293038)	Hex(141B22)	Hex(00000C)	Hex(000000)
Hex(3F464E)		<a href="#">Ratio: 1.40</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.82</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.19</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.20</a> <a href="#">Failed<sup>5</sup></a>
Hex(293038)	<a href="#">Ratio: 1.40</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.30</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.57</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.57</a> <a href="#">Failed<sup>5</sup></a>
Hex(141B22)	<a href="#">Ratio: 1.82</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.30</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.21</a> <a href="#">Failed<sup>5</sup></a>
Hex(00000C)	<a href="#">Ratio: 2.19</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.57</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(000000)	<a href="#">Ratio: 2.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.57</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.21</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</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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