

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(A2044E) Hex(D40063) Hex(A20704) Hex(52494D) Hex(910044) Hex(120008)**

	Hex(A2044E)	Hex(D40063)	Hex(A20704)	Hex(52494D)	Hex(910044)	Hex(120008)
Hex(A2044E)		<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.59</a> Failed <sup>5</sup>
Hex(D40063)	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.65</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.74</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.87</a> AA 18pt <sup>2</sup>
Hex(A20704)	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.55</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.50</a> Failed <sup>5</sup>
Hex(52494D)	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.65</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.35</a> Failed <sup>5</sup>
Hex(910044)	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.74</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.06</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.22</a> Failed <sup>5</sup>
Hex(120008)	<a href="#">Ratio: 2.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.87</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.22</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.

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