

# Converting Colors - WCAG Matrix

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

**Hex(36002F) Hex(45003C) Hex(362100) Hex(1C191C) Hex(5C0050) Hex(DB00BF)**

	Hex(36002F)	Hex(45003C)	Hex(362100)	Hex(1C191C)	Hex(5C0050)	Hex(DB00BF)
Hex(36002F)		<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.98</a> AA 18pt <sup>2</sup>
Hex(45003C)	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.61</a> AA 18pt <sup>2</sup>
Hex(362100)	<a href="#">Ratio: 1.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>
Hex(1C191C)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>
Hex(5C0050)	<a href="#">Ratio: 1.31</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.19</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.03</a> AA 18pt <sup>2</sup>
Hex(DB00BF)	<a href="#">Ratio: 3.98</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.61</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.95</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.03</a> AA 18pt <sup>2</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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