

# Converting Colors - WCAG Matrix

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

**Hex(A10043) Hex(D10056) Hex(A10E00) Hex(52494D) Hex(91003C) Hex(120007)**

	Hex(A10043)	Hex(D10056)	Hex(A10E00)	Hex(52494D)	Hex(91003C)	Hex(120007)
Hex(A10043)		<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.52</a> Failed <sup>5</sup>
Hex(D10056)	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.74</a> AA 18pt <sup>2</sup>
Hex(A10E00)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.49</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.51</a> Failed <sup>5</sup>
Hex(52494D)	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.59</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.35</a> Failed <sup>5</sup>
Hex(91003C)	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.69</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.21</a> Failed <sup>5</sup>
Hex(120007)	<a href="#">Ratio: 2.52</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.74</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.51</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.21</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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