

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(532525) Hex(531C1C) Hex(531414) Hex(530C0C) Hex(530404) Hex(530000)**

	Hex(532525)	Hex(531C1C)	Hex(531414)	Hex(530C0C)	Hex(530404)	Hex(530000)
Hex(532525)		<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>
Hex(531C1C)	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>
Hex(531414)	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>
Hex(530C0C)	<a href="#">Ratio: 1.16</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.09</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>
Hex(530404)	<a href="#">Ratio: 1.20</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>
Hex(530000)	<a href="#">Ratio: 1.21</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</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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