

# Converting Colors - WCAG Matrix

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

Hex(423426) Hex(57514B) Hex(422634) Hex(2B2824) Hex(ABABAB) Hex(2B2B2B)

	Hex(423426)	Hex(57514B)	Hex(422634)	Hex(2B2824)	Hex(ABABAB)	Hex(2B2B2B)
Hex(423426)		<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.12</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.22</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.22</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.18</a> <a href="#">Failed</a> <sup>5</sup>
Hex(57514B)	<a href="#">Ratio: 1.53</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.72</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.87</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.41</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.81</a> <a href="#">Failed</a> <sup>5</sup>
Hex(422634)	<a href="#">Ratio: 1.12</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.72</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.09</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.87</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.05</a> <a href="#">Failed</a> <sup>5</sup>
Hex(2B2824)	<a href="#">Ratio: 1.22</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.87</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.09</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 6.39</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>
Hex(ABABAB)	<a href="#">Ratio: 5.22</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 3.41</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 5.87</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 6.39</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>		<a href="#">Ratio: 6.17</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(2B2B2B)	<a href="#">Ratio: 1.18</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.81</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.05</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.17</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</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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