

# Converting Colors - WCAG Matrix

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

Hex(C96B6C) Hex(AC5154) Hex(8F383D) Hex(731F27) Hex(570013) Hex(3D0000) Hex(300002)

	Hex(C96B6C)	Hex(AC5154)	Hex(8F383D)	Hex(731F27)	Hex(570013)	Hex(3D0000)	Hex(300002)
Hex(C96B6C)		Ratio: <a href="#">1.43</a> Failed <sup>5</sup>	Ratio: <a href="#">2.07</a> Failed <sup>5</sup>	Ratio: <a href="#">2.97</a> Failed <sup>5</sup>	Ratio: <a href="#">4.10</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">4.84</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">5.15</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(AC5154)	Ratio: <a href="#">1.43</a> Failed <sup>5</sup>		Ratio: <a href="#">1.45</a> Failed <sup>5</sup>	Ratio: <a href="#">2.08</a> Failed <sup>5</sup>	Ratio: <a href="#">2.87</a> Failed <sup>5</sup>	Ratio: <a href="#">3.39</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">3.60</a> AA 18pt <sup>2</sup>
Hex(8F383D)	Ratio: <a href="#">2.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.45</a> Failed <sup>5</sup>		Ratio: <a href="#">1.43</a> Failed <sup>5</sup>	Ratio: <a href="#">1.98</a> Failed <sup>5</sup>	Ratio: <a href="#">2.34</a> Failed <sup>5</sup>	Ratio: <a href="#">2.49</a> Failed <sup>5</sup>
Hex(731F27)	Ratio: <a href="#">2.97</a> Failed <sup>5</sup>	Ratio: <a href="#">2.08</a> Failed <sup>5</sup>	Ratio: <a href="#">1.43</a> Failed <sup>5</sup>		Ratio: <a href="#">1.38</a> Failed <sup>5</sup>	Ratio: <a href="#">1.63</a> Failed <sup>5</sup>	Ratio: <a href="#">1.73</a> Failed <sup>5</sup>
Hex(570013)	Ratio: <a href="#">4.10</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.87</a> Failed <sup>5</sup>	Ratio: <a href="#">1.98</a> Failed <sup>5</sup>	Ratio: <a href="#">1.38</a> Failed <sup>5</sup>		Ratio: <a href="#">1.18</a> Failed <sup>5</sup>	Ratio: <a href="#">1.26</a> Failed <sup>5</sup>
Hex(3D0000)	Ratio: <a href="#">4.84</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">3.39</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.63</a> Failed <sup>5</sup>	Ratio: <a href="#">1.18</a> Failed <sup>5</sup>		Ratio: <a href="#">1.06</a> Failed <sup>5</sup>
Hex(300002)	Ratio: <a href="#">5.15</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">3.60</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.49</a> Failed <sup>5</sup>	Ratio: <a href="#">1.73</a> Failed <sup>5</sup>	Ratio: <a href="#">1.26</a> Failed <sup>5</sup>	Ratio: <a href="#">1.06</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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