

# Converting Colors - WCAG Matrix

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

Hex(926C4B) Hex(775434) Hex(5D3D1E) Hex(442707) Hex(2C1200) Hex(0D0000) Hex(000000)

	Hex(926C4B)	Hex(775434)	Hex(5D3D1E)	Hex(442707)	Hex(2C1200)	Hex(0D0000)	Hex(000000)
Hex(926C4B)		Ratio: <a href="#">1.44</a> Failed <sup>5</sup>	Ratio: <a href="#">2.08</a> Failed <sup>5</sup>	Ratio: <a href="#">2.90</a> Failed <sup>5</sup>	Ratio: <a href="#">3.74</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">4.39</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">4.47</a> AA 18pt <sup>2</sup>
Hex(775434)	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>		Ratio: <a href="#">1.44</a> Failed <sup>5</sup>	Ratio: <a href="#">2.02</a> Failed <sup>5</sup>	Ratio: <a href="#">2.60</a> Failed <sup>5</sup>	Ratio: <a href="#">3.05</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">3.10</a> AA 18pt <sup>2</sup>
Hex(5D3D1E)	Ratio: <a href="#">2.08</a> Failed <sup>5</sup>	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>		Ratio: <a href="#">1.40</a> Failed <sup>5</sup>	Ratio: <a href="#">1.80</a> Failed <sup>5</sup>	Ratio: <a href="#">2.12</a> Failed <sup>5</sup>	Ratio: <a href="#">2.15</a> Failed <sup>5</sup>
Hex(442707)	Ratio: <a href="#">2.90</a> Failed <sup>5</sup>	Ratio: <a href="#">2.02</a> Failed <sup>5</sup>	Ratio: <a href="#">1.40</a> Failed <sup>5</sup>		Ratio: <a href="#">1.29</a> Failed <sup>5</sup>	Ratio: <a href="#">1.51</a> Failed <sup>5</sup>	Ratio: <a href="#">1.54</a> Failed <sup>5</sup>
Hex(2C1200)	Ratio: <a href="#">3.74</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.60</a> Failed <sup>5</sup>	Ratio: <a href="#">1.80</a> Failed <sup>5</sup>	Ratio: <a href="#">1.29</a> Failed <sup>5</sup>		Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.19</a> Failed <sup>5</sup>
Hex(0D0000)	Ratio: <a href="#">4.39</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">3.05</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.12</a> Failed <sup>5</sup>	Ratio: <a href="#">1.51</a> Failed <sup>5</sup>	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>		Ratio: <a href="#">1.02</a> Failed <sup>5</sup>
Hex(000000)	Ratio: <a href="#">4.47</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">3.10</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.15</a> Failed <sup>5</sup>	Ratio: <a href="#">1.54</a> Failed <sup>5</sup>	Ratio: <a href="#">1.19</a> Failed <sup>5</sup>	Ratio: <a href="#">1.02</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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