

# Converting Colors - WCAG Matrix

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

	Hex(C14D26)	Hex(C15C3A)	Hex(C16A4D)	Hex(C17960)	Hex(C18774)	Hex(C19687)	Hex(C1A49A)	Hex(C1B3AE)	Hex(C1C1C1)	Hex(C1D0D4)
Hex(C14D26)		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.04</a> AA 18pt <sup>2</sup>
Hex(C15C3A)	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.72</a> Failed <sup>5</sup>
Hex(C16A4D)	<a href="#">Ratio: 1.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.90</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>
Hex(C17960)	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>
Hex(C18774)	<a href="#">Ratio: 1.60</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.90</a> Failed <sup>5</sup>
Hex(C19687)	<a href="#">Ratio: 1.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>
Hex(C1A49A)	<a href="#">Ratio: 2.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>
Hex(C1B3AE)	<a href="#">Ratio: 2.37</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.90</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.48</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>
Hex(C1C1C1)	<a href="#">Ratio: 2.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.40</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.89</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.13</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>
Hex(C1D0D4)	<a href="#">Ratio: 3.04</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.72</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.44</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.90</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.46</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</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

Failed 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.