

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(57DB66) Hex(47FF5D) Hex(57DBA8) Hex(636E64) Hex(00AD14) Hex(002E05)**

	Hex(57DB66)	Hex(47FF5D)	Hex(57DBA8)	Hex(636E64)	Hex(00AD14)	Hex(002E05)
Hex(57DB66)		<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.97</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.42</a> Passed <sup>6</sup>
Hex(47FF5D)	<a href="#">Ratio: 1.34</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.99</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 11.29</a> Passed <sup>6</sup>
Hex(57DBA8)	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.30</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.07</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.73</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.69</a> Passed <sup>6</sup>
Hex(636E64)	<a href="#">Ratio: 2.97</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.99</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.07</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>
Hex(00AD14)	<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.25</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.73</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.77</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.02</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(002E05)	<a href="#">Ratio: 8.42</a> Passed <sup>6</sup>	<a href="#">Ratio: 11.29</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.69</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.02</a> AA <sup>1</sup> AAA 18pt <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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