

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(CDDD55) Hex(E8FF42) Hex(89DD55) Hex(6C6E63) Hex(99AD00) Hex(282E00)**

	Hex(CDDD55)	Hex(E8FF42)	Hex(89DD55)	Hex(6C6E63)	Hex(99AD00)	Hex(282E00)
Hex(CDDD55)		<a href="#">Ratio: 1.34</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.12</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.48</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.69</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 9.50</a> <a href="#">Passed<sup>6</sup></a>
Hex(E8FF42)	<a href="#">Ratio: 1.34</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.50</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.65</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 2.26</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 12.70</a> <a href="#">Passed<sup>6</sup></a>
Hex(89DD55)	<a href="#">Ratio: 1.12</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.50</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 3.10</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.50</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 8.47</a> <a href="#">Passed<sup>6</sup></a>
Hex(6C6E63)	<a href="#">Ratio: 3.48</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 4.65</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 3.10</a> <a href="#">AA 18pt<sup>2</sup></a>		<a href="#">Ratio: 2.06</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.73</a> <a href="#">Failed<sup>5</sup></a>
Hex(99AD00)	<a href="#">Ratio: 1.69</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.26</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.50</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.06</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 5.63</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>
Hex(282E00)	<a href="#">Ratio: 9.50</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 12.70</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 8.47</a> <a href="#">Passed<sup>6</sup></a>	<a href="#">Ratio: 2.73</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 5.63</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	

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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