

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(6DD300) Hex(84FF00) Hex(04D300) Hex(63695E) Hex(57A800) Hex(152900)**

	Hex(6DD300)	Hex(84FF00)	Hex(04D300)	Hex(63695E)	Hex(57A800)	Hex(152900)
Hex(6DD300)		<a href="#">Ratio: 1.48</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.95</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.57</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 8.13</a> <a href="#">Passed</a> <sup>6</sup>
Hex(84FF00)	<a href="#">Ratio: 1.48</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.58</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.39</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.32</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 12.07</a> <a href="#">Passed</a> <sup>6</sup>
Hex(04D300)	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.58</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.78</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.47</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 7.65</a> <a href="#">Passed</a> <sup>6</sup>
Hex(63695E)	<a href="#">Ratio: 2.95</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.39</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.78</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.89</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.75</a> <a href="#">Failed</a> <sup>5</sup>
Hex(57A800)	<a href="#">Ratio: 1.57</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.32</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.47</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.89</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 5.19</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(152900)	<a href="#">Ratio: 8.13</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 12.07</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 7.65</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 2.75</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.19</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <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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