

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(CDD762) Hex(F1FF59) Hex(93D762) Hex(6A6B60) Hex(9CAB00) Hex(282B00)**

	Hex(CDD762)	Hex(F1FF59)	Hex(93D762)	Hex(6A6B60)	Hex(9CAB00)	Hex(282B00)
Hex(CDD762)		<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.40</a> Passed <sup>6</sup>
Hex(F1FF59)	<a href="#">Ratio: 1.42</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.94</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 13.36</a> Passed <sup>6</sup>
Hex(93D762)	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.58</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.12</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.45</a> Passed <sup>6</sup>
Hex(6A6B60)	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.94</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.12</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 2.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.71</a> Failed <sup>5</sup>
Hex(9CAB00)	<a href="#">Ratio: 1.64</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.33</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.47</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.74</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(282B00)	<a href="#">Ratio: 9.40</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.36</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.45</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.71</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.74</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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