

Converting Colors

CIELCh(68, 103.411, 142.111)

Have a look what the booklet for
CIELCh(68, 103.411, 142.111)
contains.

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Color

CIELCh(69, 95.589, 137.151)

Conversions

Conversions Part 1

Format	Color
Hex	00C417
RGB	0, 196, 23
RGB Percent	0%, 77%, 9%
CMY	1.0000, 0.2330, 0.9084
CMYK	1.00, 0.00, 0.88, 0.23
HSL	127°, 100%, 38%
HSV	127°, 100%, 77%
XYZ	19.7795, 39.3444, 7.3800
YIQ	117.6740, -61.2830, -95.3550

Conversions

Conversions Part 2

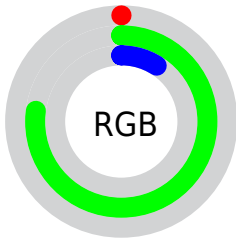
Format	Color
RYB	0, 175, 196
Decimal	50199
CIELab	69.00, -70.08, 65.01
CIELCh	69, 95.589, 137.151
Yxy	39.3444, 0.2974, 0.5916
Android (android.graphics.Color)	4278240279 (0xFF00C417)
YUV	117.6740, -46.6743, -103.2001
Hunter-Lab	62.7251, -53.4813, 36.9317

Details

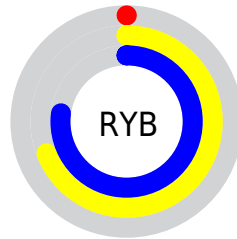
The CIELCh color **69, 95.589, 137.151** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45, 86.170, 333.660**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 95.571, 137.073**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 95.533, 137.111**, and if you desaturate by 10%, it is **69, 91.459, 138.207**.

Distribution



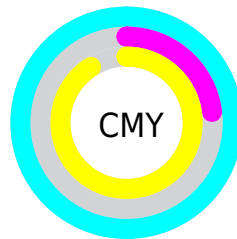
- Red (0%)
- Green (77%)
- Blue (9%)



- Red (0%)
- Yellow (69%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 95.589, 137.151 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 95.589, 137.151 by changing the saturation by 10% instead.


 69, 95.589,
137.151


 69, 95.589,
137.151


 100, 95.589,
137.151


 59, 95.589,
137.151


 89, 95.589,
137.151

 49, 95.589,
137.151

 99, 95.589,
137.151

 39, 95.589,
137.151

 29, 95.589,
137.151

 19, 95.589,
137.151

 9, 95.589, 137.151

 0, 95.589, 137.151

■ 69, 95.589,
137.151

■ 69, 95.589,
137.151

■ 69, 95.533,
137.111

■ 69, 91.459,
138.207

■ 69, 85.473,
139.557

■ 70, 77.731,
140.968

■ 71, 68.548,
142.336

■ 72, 58.254,
143.595

■ 73, 47.167,
144.716

■ 74, 35.574,
145.695

■ 75, 23.721,

146.540

■ 77, 11.809,
147.274

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 95.589, 137.151



45, 86.170, 333.660

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 95.589, 137.151



69, 95.589, 187.151



69, 95.589, 317.151



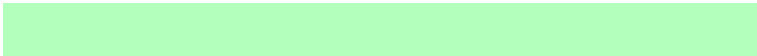
69, 95.589, 7.151

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 95.533, 137.111



94, 44.115, 145.651



75, 80.137, 109.977



49, 30.043, 145.246



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 95.533, 137.111



88, 117.144, 136.932



70, 64.186, 155.746



40, 6.642, 147.318



57, 82.213, 137.288



10, 22.906, 146.293

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45, 86.170, 333.660



59, 105.052, 333.757



42, 69.737, 13.516



38, 6.657, 328.385



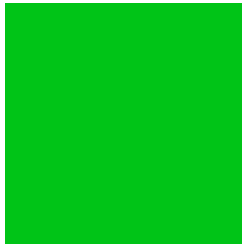
37, 74.573, 333.571



4, 21.651, 330.763

Previews

White Background



This preview shows how the CIELCh color 69, 95.589, 137.151 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 95.589, 137.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

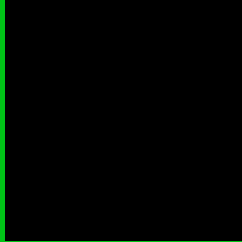
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 95.589, 137.151

Background



This preview shows how black text looks on a background with the CIELCh color 69, 95.589, 137.151.

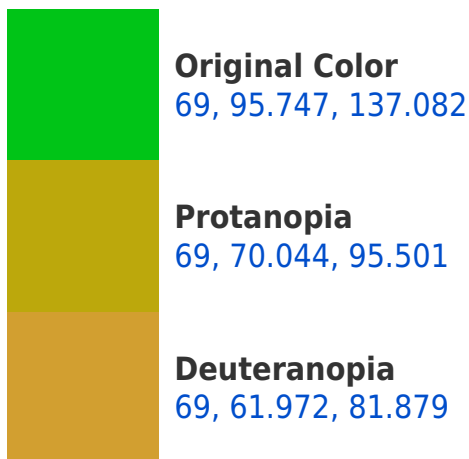


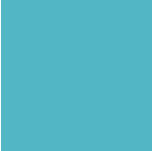
This preview shows how white text looks on a background with the CIELCh color 69, 95.589, 137.151.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

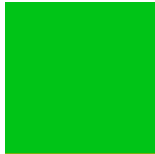
Dichromacy





Tritanopia
69, 29.628, 213.618

Trichromacy



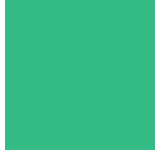
Original Color
69, 95.747, 137.082



Protanomaly
66, 76.749, 121.669



Deuteranomaly
66, 67.040, 117.809



Tritanomaly
68, 51.160, 160.955

Monochromacy



Original Color
69, 95.747, 137.082



Achromatopsia
49, 0.007, 296.813



Achromatomaly
55, 45.209, 143.971

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 95.589, 137.151 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 196, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 23)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 196, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 95.589, 137.151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 196, 23) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 196, 23) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 196, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 23);  
box-shadow:4px 4px 4px 4px rgb(0, 196, 23)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 95.589, 137.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 23) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 196,  
23) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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