

Converting Colors

CIELCh(69, 94.335, 137.859)

Have a look what the booklet for
CIELCh(69, 94.335, 137.859)
contains.

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Color

CIELCh(69, 94.335, 137.701)

Conversions

Conversions Part 1

Format	Color
Hex	00C41E
RGB	0, 196, 30
RGB Percent	0%, 77%, 12%
CMY	1.0000, 0.2332, 0.8809
CMYK	1.00, 0.00, 0.84, 0.23
HSL	129°, 100%, 38%
HSV	129°, 100%, 77%
XYZ	19.8410, 39.3444, 7.8003
YIQ	118.4720, -63.5300, -93.1780

Conversions

Conversions Part 2

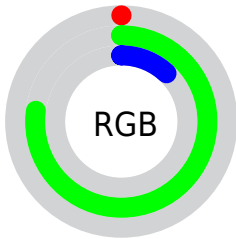
Format	Color
RYB	0, 170, 196
Decimal	50206
CIELab	69.00, -69.77, 63.49
CIELCh	69, 94.335, 137.701
Yxy	39.3444, 0.2962, 0.5874
Android (android.graphics.Color)	4278240286 (0xFF00C41E)
YUV	118.4720, -43.6167, -103.8999
Hunter-Lab	62.7251, -53.3063, 36.5344

Details

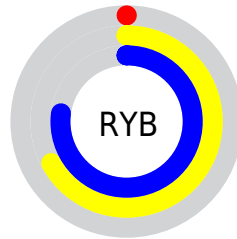
The CIELCh color **69, 94.335, 137.701** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45, 83.780, 335.588**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 94.387, 137.717**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 94.269, 137.654**, and if you desaturate by 10%, it is **69, 89.815, 138.955**.

Distribution



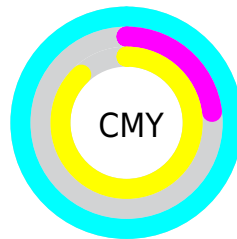
- Red (0%)
- Green (77%)
- Blue (12%)



- Red (0%)
- Yellow (67%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (23%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 94.335, 137.701 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, 94.335, 137.701 by changing the saturation by 10% instead.


 69, 94.335,
137.701


 69, 94.335,
137.701


 100, 94.335,
137.701


 59, 94.335,
137.701


 89, 94.335,
137.701

 49, 94.335,
137.701

 99, 94.335,
137.701

 39, 94.335,
137.701

 29, 94.335,
137.701

 19, 94.335,
137.701

 9, 94.335, 137.701

 0, 94.335, 137.701

■ 69, 94.335,
137.701

■ 69, 94.335,
137.701

■ 69, 94.269,
137.654

■ 69, 89.815,
138.955

■ 70, 83.654,
140.450

■ 70, 75.914,
141.953

■ 71, 66.860,
143.376

■ 72, 56.780,
144.668

■ 73, 45.959,
145.810

■ 74, 34.660,
146.804

■ 75, 23.113,

147.663

■ 77, 11.508,
148.409

Harmonies

Complementary

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



69, 94.335, 137.701



45, 83.780, 335.588

Rectangle

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



69, 94.335, 137.701



69, 94.335, 187.701



69, 94.335, 317.701



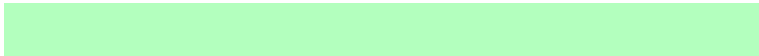
69, 94.335, 7.701

Sweetspot

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



69, 94.269, 137.654



94, 42.994, 146.760



74, 80.579, 111.927



49, 29.280, 146.349



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, 94.269, 137.654



88, 115.726, 137.438



70, 61.644, 158.013



40, 6.474, 148.454



57, 81.085, 137.864



10, 22.505, 147.006

Inverse Universe

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



45, 83.780, 335.588



58, 102.123, 335.726



41, 70.405, 16.714



38, 6.491, 329.545



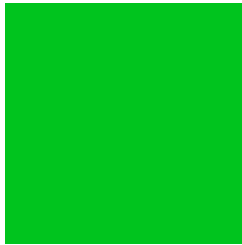
37, 72.550, 335.464



4, 20.914, 332.356

Previews

White Background



This preview shows how the CIE LCh color 69, 94.335, 137.701 looks on a white background.

Color Contrast Check

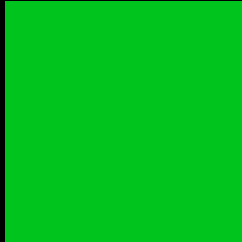
Large Text (above 18pt) WCAG AA × Fail

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, 94.335, 137.701 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, 94.335, 137.701

Background



This preview shows how black text looks on a background with the CIELCh color 69, 94.335, 137.701.

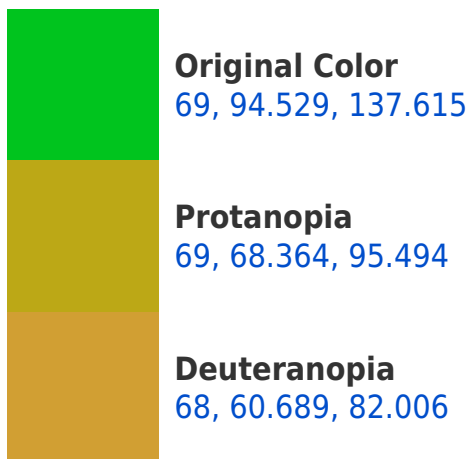


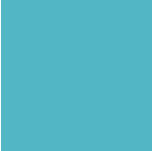
This preview shows how white text looks on a background with the CIELCh color 69, 94.335, 137.701.

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, 94.529, 137.615



Protanomaly
66, 75.164, 122.188



Deuteranomaly
65, 65.911, 118.524



Tritanomaly
68, 50.409, 161.890

Monochromacy



Original Color
69, 94.529, 137.615



Achromatopsia
50, 0.007, 296.813



Achromatomaly
55, 43.685, 144.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 94.335, 137.701 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, 30)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 30)  
}
```

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, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 94.335, 137.701 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, 30) }
```

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

```
.border{ border-color:rgb(0, 196, 30) }
```

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, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 30);  
box-shadow:4px 4px 4px 4px rgb(0, 196, 30)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 94.335, 137.701 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, 30) }
```

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

```
.background{ background-color: rgb(0, 196,  
30) }
```

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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