

Converting Colors

CIELCh(69, 95.761, 136.871)

Have a look what the booklet for
CIELCh(69, 95.761, 136.871)
contains.

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Color

CIELCh(69, 95.942, 136.873)

Conversions

Conversions Part 1

Format	Color
Hex	02C414
RGB	2, 196, 20
RGB Percent	1%, 77%, 8%
CMY	0.9930, 0.2331, 0.9206
CMYK	0.99, 0.00, 0.90, 0.23
HSL	126°, 98%, 39%
HSV	126°, 99%, 77%
XYZ	19.7913, 39.3444, 7.2235
YIQ	117.9300, -59.1280, -95.8640

Conversions

Conversions Part 2

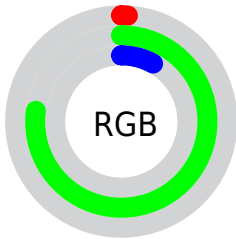
Format	Color
R_{YB}	2, 180, 196
Decimal	181268
CIE Lab	69.00, -70.02, 65.59
CIE LCh	69, 95.942, 136.873
Yxy	39.3444, 0.2982, 0.5929
Android (android.graphics.Color)	4278371348 (0xFF02C414)
YUV	117.9300, -48.2795, -101.6706
Hunter-Lab	62.7251, -53.4479, 37.0797

Details

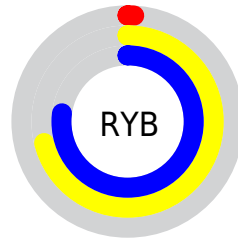
The CIELCh color **69, 95.942, 136.873** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **45, 87.684, 332.407**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 96.220, 136.814**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 96.211, 136.814**, and if you desaturate by 10%, it is **69, 91.993, 137.866**.

Distribution



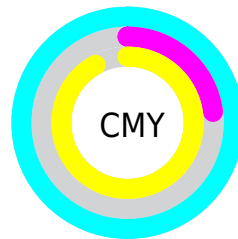
- Red (1%)
- Green (77%)
- Blue (8%)



- Red (1%)
- Yellow (71%)
- Blue (77%)



- Cyan (99%)
- Magenta (0%)
- Yellow (90%)
- Black (23%)





- Cyan (99%)
- Magenta (23%)
- Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 95.942, 136.873 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, 95.942, 136.873 by changing the saturation by 10% instead.


 69, 95.942,
136.873


 69, 95.942,
136.873


 100, 95.942,
136.873


 59, 95.942,
136.873


 89, 95.942,
136.873

 49, 95.942,
136.873

 99, 95.942,
136.873

 39, 95.942,
136.873

 29, 95.942,
136.873

 19, 95.942,
136.873

 9, 95.942, 136.873

 0, 95.942, 136.873

■ 69, 95.942,
136.873

■ 69, 95.942,
136.873

■ 69, 96.211,
136.814

■ 69, 91.993,
137.866

■ 69, 85.984,
139.121

■ 70, 78.118,
140.466

■ 71, 68.746,
141.786

■ 72, 58.232,
143.010

■ 73, 46.914,
144.104

■ 74, 35.095,
145.061

■ 76, 23.028,

145.888

■ 77, 10.915,
146.605

Harmonies

Complementary

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



69, 95.942, 136.873



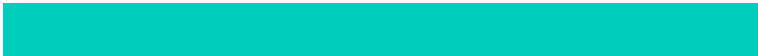
45, 87.684, 332.407

Rectangle

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



69, 95.942, 136.873



69, 95.942, 186.873



69, 95.942, 316.873



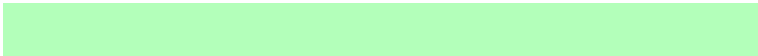
69, 95.942, 6.873

Sweetspot

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



69, 95.941, 136.874



94, 44.872, 144.937



75, 79.583, 107.962



49, 30.558, 144.536



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, 95.941, 136.874



88, 117.915, 136.661



70, 66.381, 153.843



40, 6.756, 146.587



57, 82.852, 136.967



10, 23.176, 145.830

Inverse Universe

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



45, 87.684, 332.407



59, 107.085, 332.522



42, 69.102, 9.849



38, 6.769, 327.640



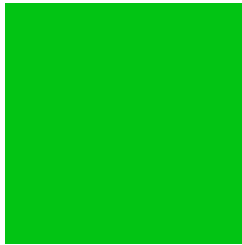
37, 75.973, 332.381



4, 22.155, 329.770

Previews

White Background



This preview shows how the CIELCh color 69, 95.942, 136.873 looks on a white background.

Color Contrast Check

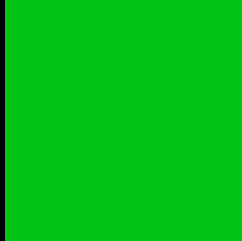
Large Text (above 18pt) WCAG AA × Fail

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, 95.942, 136.873 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, 95.942, 136.873

Background



This preview shows how black text looks on a background with the CIELCh color 69, 95.942, 136.873.



This preview shows how white text looks on a background with the CIELCh color 69, 95.942, 136.873.

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



Original Color

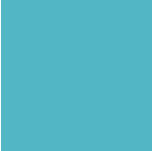
69, 96.139, 136.851

Protanopia

68, 70.663, 95.093

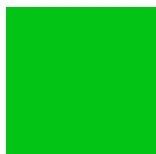
Deuteranopia

69, 62.671, 82.041



Tritanopia
69, 29.628, 213.618

Trichromacy



Original Color
69, 96.139, 136.851



Protanomaly
66, 76.975, 121.275

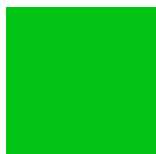


Deuteranomaly
66, 67.631, 117.636



Tritanomaly
68, 51.409, 160.410

Monochromacy



Original Color
69, 96.139, 136.851



Achromatopsia
50, 0.007, 296.813



Achromatomaly
55, 45.251, 142.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 95.942, 136.873 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(2, 196, 20)` looks like.

```
.text, #text, p{  
    color:rgb(2, 196, 20)  
}
```

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(2, 196, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 196, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 95.942, 136.873 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(2, 196, 20) }
```

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

```
.border{ border-color:rgb(2, 196, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 196, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 196, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 196, 20);  
box-shadow:4px 4px 4px 4px rgb(2, 196, 20)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 95.942, 136.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 196, 20) }
```

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

```
.background{ background-color: rgb(2, 196,  
20) }
```

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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