

Converting Colors

CIELCh(68, 96.432, 136.034)

Have a look what the booklet for
CIELCh(68, 96.432, 136.034)
contains.

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Color

CIELCh(68, 96.592, 136.053)

Conversions

Conversions Part 1

Format	Color
Hex	04C103
RGB	4, 193, 3
RGB Percent	2%, 76%, 1%
CMY	0.9853, 0.2449, 0.9888
CMYK	0.98, 0.00, 0.99, 0.24
HSL	120°, 97%, 38%
HSV	120°, 99%, 76%
XYZ	19.0333, 37.9720, 6.4077
YIQ	114.8290, -51.6540, -99.1580

Conversions

Conversions Part 2

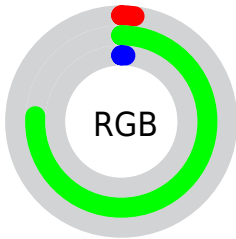
Format	Color
RYB	3, 193, 192
Decimal	311555
CIELab	68.00, -69.54, 67.03
CIELCh	68, 96.592, 136.053
Yxy	37.9720, 0.3001, 0.5988
Android (android.graphics.Color)	4278501635 (0xFF04C103)
YUV	114.8290, -55.1317, -97.1970
Hunter-Lab	61.6215, -52.7033, 36.9698

Details

The CIELCh color **68, 96.592, 136.053** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **46, 93.287, 328.037**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **88, 96.727, 136.058**, and **50, 75.871, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **68, 96.940, 135.997**, and if you desaturate by 10%, it is **68, 93.765, 136.485**.

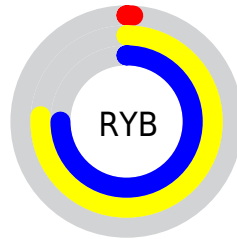
Distribution



Red (2%)

Green (76%)

Blue (1%)



Red (1%)

Yellow (76%)

Blue (75%)

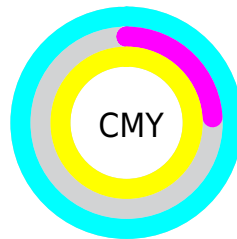


Cyan (98%)

Magenta (0%)

Yellow (99%)

Black (24%)



Cyan (99%)


Magenta (24%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 96.592, 136.053 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 68, 96.592, 136.053 by changing the saturation by 10% instead.


 68, 96.592,
136.053


 68, 96.592,
136.053


 100, 96.592,
136.053


 58, 96.592,
136.053


 88, 96.592,
136.053

 48, 96.592,
136.053

 98, 96.592,
136.053

 38, 96.592,
136.053

 28, 96.592,
136.053

 18, 96.592,
136.053

 8, 96.592, 136.053

 0, 96.592, 136.053

■ 68, 96.592,
136.053

■ 68, 96.592,
136.053

■ 68, 96.940,
135.997

■ 68, 93.765,
136.485

■ 68, 88.533,
137.238

■ 69, 80.927,
138.243

■ 70, 71.415,
139.354

■ 71, 60.504,
140.454

■ 72, 48.646,
141.472

■ 73, 36.215,
142.378

■ 75, 23.509,

143.166

■ 76, 10.758,
143.849

Harmonies

Complementary

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



68, 96.592, 136.053



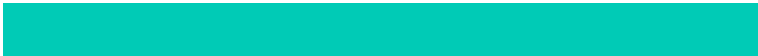
46, 93.287, 328.037

Rectangle

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



68, 96.592, 136.053



68, 96.592, 186.053



68, 96.592, 316.053



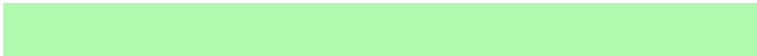
68, 96.592, 6.053

Sweetspot

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



68, 96.591, 136.054



92, 47.055, 142.210



75, 77.194, 101.835



48, 32.031, 141.830



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 96.591, 136.054



86, 117.937, 136.003



69, 72.777, 148.565



40, 7.204, 143.794



57, 84.760, 135.993



10, 24.231, 144.008

Inverse Universe

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



46, 93.287, 328.037



59, 113.832, 328.042



42, 68.622, 359.998



38, 7.215, 324.802



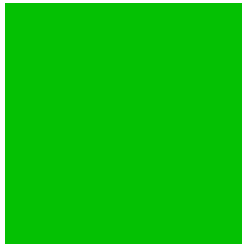
38, 81.821, 328.048



4, 24.155, 326.159

Previews

White Background



This preview shows how the CIELCh color 68, 96.592, 136.053 looks on a white background.

Color Contrast Check

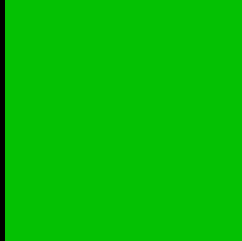
Large Text (above 18pt) WCAG AA × Fail

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 68, 96.592, 136.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

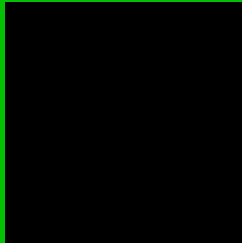
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 96.592, 136.053

Background



This preview shows how black text looks on a background with the CIELCh color 68, 96.592, 136.053.



This preview shows how white text looks on a background with the CIELCh color 68, 96.592, 136.053.

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

68, 96.740, 136.054

Protanopia

68, 70.673, 95.011

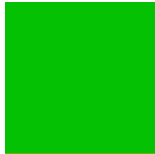
Deuteranopia

67, 62.975, 81.933



Tritanopia
68, 29.151, 212.799

Trichromacy



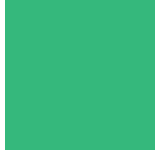
Original Color
68, 96.740, 136.054



Protanomaly
65, 77.262, 120.540



Deuteranomaly
65, 68.780, 116.541



Tritanomaly
67, 53.290, 157.315

Monochromacy



Original Color
68, 96.740, 136.054



Achromatopsia
48, 0.006, 296.813



Achromatomaly
54, 47.378, 140.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 96.592, 136.053 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(4, 193, 3)` looks like.

```
.text, #text, p{  
    color:rgb(4, 193, 3)  
}
```

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(4, 193, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 193, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 96.592, 136.053 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(4, 193, 3) }
```

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

```
.border{ border-color:rgb(4, 193, 3) }
```

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

Here you see how a box with a 4 pixel rgb(4, 193, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 193, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 193, 3); box-shadow:4px  
4px 4px 4px rgb(4, 193, 3) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 96.592, 136.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 193, 3) }
```

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

```
.background{ background-color: rgb(4, 193,  
3) }
```

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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