

Converting Colors

CIELCh(68, 96.242, 135.841)

Have a look what the booklet for
CIELCh(68, 96.242, 135.841)
contains.

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Color

CIELCh(68, 96.076, 135.839)

Conversions

Conversions Part 1

Format	Color
Hex	0FC004
RGB	15, 192, 4
RGB Percent	6%, 75%, 2%
CMY	0.9394, 0.2456, 0.9845
CMYK	0.92, 0.00, 0.98, 0.25
HSL	116°, 96%, 38%
HSV	116°, 98%, 75%
XYZ	19.1548, 37.9720, 6.4324
YIQ	117.6450, -45.1440, -95.9920

Conversions

Conversions Part 2

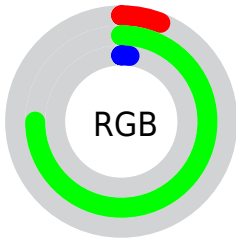
Format	Color
RYB	4, 192, 181
Decimal	1032196
CIELab	68.00, -68.92, 66.93
CIELCh	68, 96.076, 135.839
Yxy	37.9720, 0.3014, 0.5974
Android (android.graphics.Color)	4279222276 (0xFF0FC004)
YUV	117.6450, -56.0270, -90.0197
Hunter-Lab	61.6215, -52.3514, 36.9459

Details

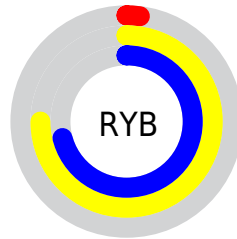
The CIELCh color **68, 96.076, 135.839** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **44, 93.379, 325.862**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 95.987, 135.829**, and **49, 75.472, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **68, 96.571, 135.774**, and if you desaturate by 10%, it is **68, 92.900, 136.077**.

Distribution



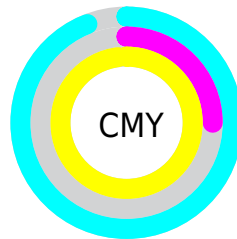
- Red (6%)
- Green (75%)
- Blue (2%)



- Red (2%)
- Yellow (75%)
- Blue (71%)



- Cyan (92%)
- Magenta (0%)
- Yellow (98%)
- Black (25%)




- Cyan (94%)
- Magenta (25%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 96.076, 135.839 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, 96.076, 135.839 by changing the saturation by 10% instead.


 68, 96.076,
135.839


 68, 96.076,
135.839


 100, 96.076,
135.839


 58, 96.076,
135.839


 88, 96.076,
135.839

 48, 96.076,
135.839

 98, 96.076,
135.839

 38, 96.076,
135.839

 28, 96.076,
135.839

 18, 96.076,
135.839

 8, 96.076, 135.839

 0, 96.076, 135.839

■ 68, 96.076,
135.839

■ 68, 96.076,
135.839

■ 68, 96.571,
135.774

■ 68, 92.900,
136.077

■ 69, 87.294,
136.630

■ 69, 79.421,
137.445

■ 70, 69.772,
138.387

■ 71, 58.851,
139.344

■ 72, 47.090,
140.246

■ 73, 34.834,
141.058

■ 75, 22.353,

141.773

■ 76, 9.848, 142.399

Harmonies

Complementary

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



68, 96.076, 135.839



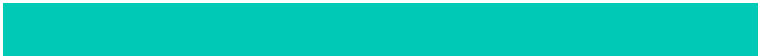
44, 93.379, 325.862

Rectangle

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



68, 96.076, 135.839



68, 96.076, 185.839



68, 96.076, 315.839



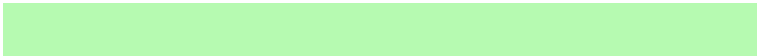
68, 96.076, 5.839

Sweetspot

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



68, 96.075, 135.840



92, 44.687, 140.942



72, 74.323, 98.526



48, 30.610, 140.598



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, 96.075, 135.840



86, 117.662, 135.834



68, 76.066, 146.393



40, 7.073, 142.314



57, 84.438, 135.716



10, 23.874, 142.945

Inverse Universe

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



44, 93.379, 325.862



57, 114.209, 325.801



42, 69.551, 355.276



38, 7.091, 323.250



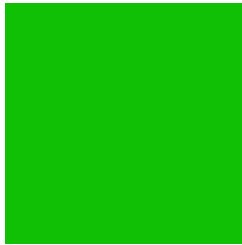
36, 82.081, 325.870



4, 23.462, 323.703

Previews

White Background



This preview shows how the CIELCh color 68, 96.076, 135.839 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, 96.076, 135.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

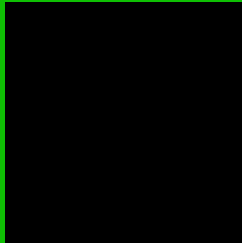
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 96.076, 135.839

Background



This preview shows how black text looks on a background with the CIELCh color 68, 96.076, 135.839.

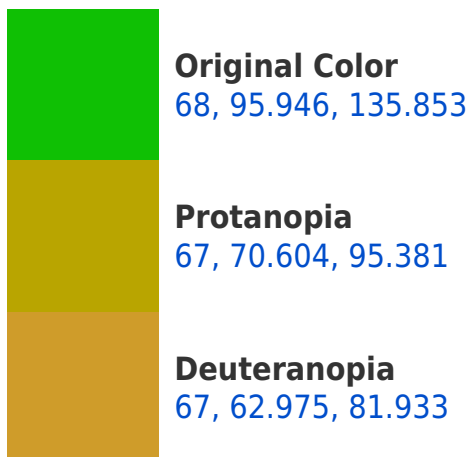


This preview shows how white text looks on a background with the CIELCh color 68, 96.076, 135.839.

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](#).

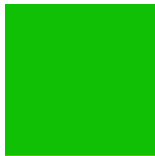
Dichromacy





Tritanopia
68, 28.962, 212.916

Trichromacy



Original Color
68, 95.946, 135.853



Protanomaly
66, 76.858, 119.719



Deuteranomaly
65, 68.361, 115.178



Tritanomaly
67, 52.611, 156.810

Monochromacy



Original Color
68, 95.946, 135.853



Achromatopsia
50, 0.007, 296.813



Achromatomaly
55, 45.870, 139.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 96.076, 135.839 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(15, 192, 4)` looks like.

```
.text, #text, p{  
    color:rgb(15, 192, 4)  
}
```

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(15, 192, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 192, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 96.076, 135.839 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(15, 192, 4) }
```

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

```
.border{ border-color:rgb(15, 192, 4) }
```

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

Here you see how a box with a 4 pixel rgb(15, 192, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 192, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 192, 4);  
box-shadow:4px 4px 4px 4px rgb(15, 192, 4)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 68, 96.076, 135.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 192, 4) }
```

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

```
.background{ background-color: rgb(15, 192,  
4) }
```

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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