

Converting Colors

CIELCh(67, 95.017, 136.230)

Have a look what the booklet for
CIELCh(67, 95.017, 136.230)
contains.

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Color

CIELCh(67, 94.838, 136.222)

Conversions

Conversions Part 1

Format	Color
Hex	06BD08
RGB	6, 189, 8
RGB Percent	2%, 74%, 3%
CMY	0.9763, 0.2572, 0.9682
CMYK	0.97, 0.00, 0.96, 0.26
HSL	121°, 94%, 38%
HSV	121°, 97%, 74%
XYZ	18.4076, 36.6320, 6.3325
YIQ	113.6490, -50.9670, -95.0870

Conversions

Conversions Part 2

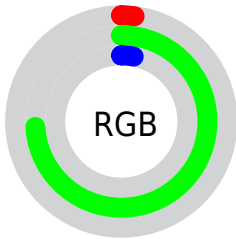
Format	Color
RYB	6, 187, 189
Decimal	441608
CIELab	67.00, -68.48, 65.62
CIELCh	67, 94.838, 136.222
Yxy	36.6320, 0.2999, 0.5969
Android (android.graphics.Color)	4278631688 (0xFF06BD08)
YUV	113.6490, -52.0850, -94.4082
Hunter-Lab	60.5244, -51.6294, 36.1637

Details

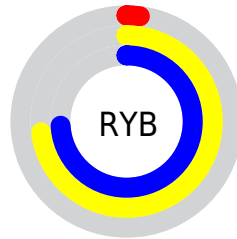
The CIELCh color **67, 94.838, 136.222** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **45, 91.021, 328.647**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **87, 94.688, 136.276**, and **48, 74.270, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 95.581, 136.104**, and if you desaturate by 10%, it is **67, 91.593, 136.776**.

Distribution



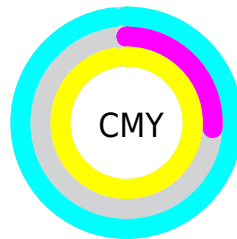
- Red (2%)
- Green (74%)
- Blue (3%)



- Red (2%)
- Yellow (73%)
- Blue (74%)



- Cyan (97%)
- Magenta (0%)
- Yellow (96%)
- Black (26%)





- Cyan (98%)
- Magenta (26%)
- Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 94.838, 136.222 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 67, 94.838, 136.222 by changing the saturation by 10% instead.


 67, 94.838,
136.222


 67, 94.838,
136.222


 100, 94.838,
136.222


 57, 94.838,
136.222

 87, 94.838,
136.222

 47, 94.838,
136.222

 97, 94.838,
136.222

 37, 94.838,
136.222

 27, 94.838,
136.222

 17, 94.838,
136.222

 7, 94.838, 136.222

 0, 94.838, 136.222

■ 67, 94.838,
136.222

■ 67, 94.838,
136.222

■ 67, 95.581,
136.104

■ 67, 91.593,
136.776

■ 68, 85.889,
137.664

■ 68, 77.982,
138.754

■ 69, 68.335,
139.907

■ 70, 57.423,
141.019

■ 71, 45.663,
142.034

■ 72, 33.401,
142.929

■ 74, 20.916,

143.704

■ 75, 8.420, 144.379

Harmonies

Complementary

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



67, 94.838, 136.222



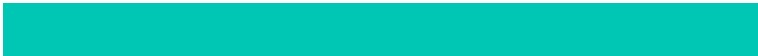
45, 91.021, 328.647

Rectangle

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



67, 94.838, 136.222



67, 94.838, 186.222



67, 94.838, 316.222



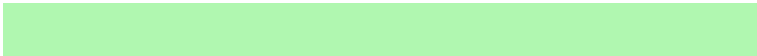
67, 94.838, 6.222

Sweetspot

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



67, 94.837, 136.223



91, 44.855, 142.702



74, 76.859, 102.909



48, 30.973, 142.316



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 94.837, 136.223



85, 116.866, 136.079



68, 69.908, 149.787



39, 7.004, 144.214



57, 83.571, 136.126



9, 21.563, 144.597

Inverse Universe

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



45, 91.021, 328.647



58, 111.930, 328.689



41, 67.349, 0.835



37, 7.015, 325.228



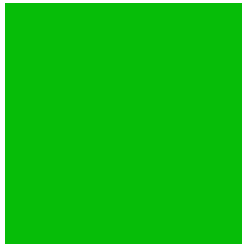
37, 80.154, 328.675



3, 21.258, 325.838

Previews

White Background



This preview shows how the CIELCh color 67, 94.838, 136.222 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 67, 94.838, 136.222 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 67, 94.838, 136.222

Background



This preview shows how black text looks on a background with the CIELCh color 67, 94.838, 136.222.

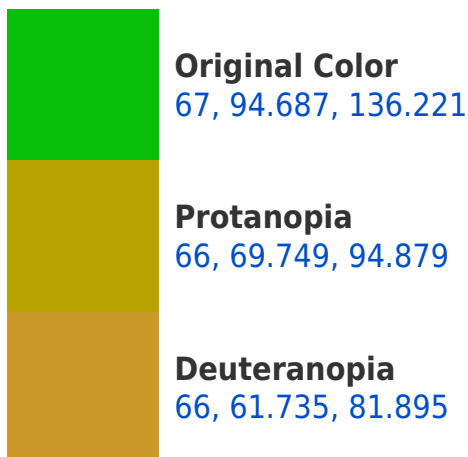


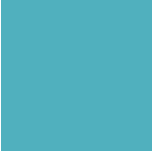
This preview shows how white text looks on a background with the CIELCh color 67, 94.838, 136.222.

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](#).

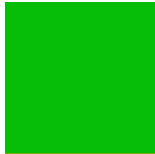
Dichromacy





Tritanopia
67, 28.705, 213.107

Trichromacy



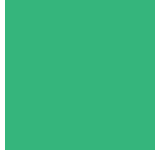
Original Color
67, 94.687, 136.221



Protanomaly
65, 75.881, 120.305



Deuteranomaly
64, 67.157, 116.590



Tritanomaly
66, 51.692, 158.124

Monochromacy



Original Color
67, 94.687, 136.221



Achromatopsia
48, 0.006, 296.813



Achromatomaly
53, 45.535, 140.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 94.838, 136.222 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(6, 189, 8)` looks like.

```
.text, #text, p{  
    color:rgb(6, 189, 8)  
}
```

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(6, 189, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 189, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 94.838, 136.222 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(6, 189, 8) }
```

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

```
.border{ border-color:rgb(6, 189, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 189, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 189, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 189, 8); box-shadow:4px  
4px 4px 4px rgb(6, 189, 8) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 94.838, 136.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 189, 8) }
```

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

```
.background{ background-color: rgb(6, 189,  
8) }
```

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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