

Converting Colors

CIELCh(67, 94.722, 135.407)

Have a look what the booklet for
CIELCh(67, 94.722, 135.407)
contains.

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Color

CIELCh(67, 94.696, 135.417)

Conversions

Conversions Part 1

Format	Color
Hex	18BD01
RGB	24, 189, 1
RGB Percent	9%, 74%, 0%
CMY	0.9050, 0.2585, 0.9952
CMYK	0.87, 0.00, 0.99, 0.26
HSL	113°, 99%, 37%
HSV	113°, 99%, 74%
XYZ	18.6049, 36.6320, 6.1250
YIQ	118.2330, -37.9920, -93.4480

Conversions

Conversions Part 2

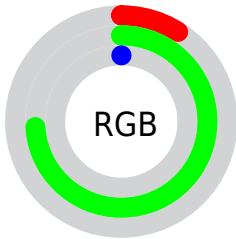
Format	Color
RYB	1, 189, 166
Decimal	1621249
CIELab	67.00, -67.45, 66.47
CIElCh	67, 94.696, 135.417
Yxy	36.6320, 0.3032, 0.5970
Android (android.graphics.Color)	4279811329 (0xFF18BD01)
YUV	118.2330, -57.7959, -82.6423
Hunter-Lab	60.5244, -51.0476, 36.3670

Details

The CIELCh color **67, 94.696, 135.417** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **41, 92.981, 323.526**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 94.934, 135.321**, and **48, 74.270, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 94.872, 135.410**, and if you desaturate by 10%, it is **67, 91.490, 135.415**.

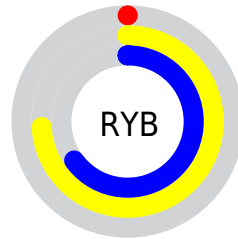
Distribution



Red (9%)

Green (74%)

Blue (0%)



Red (0%)

Yellow (74%)

Blue (65%)

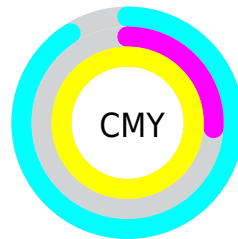


Cyan (87%)

Magenta (0%)

Yellow (99%)

Black (26%)



Cyan (91%)

Magenta (26%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 94.696, 135.417 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, 94.696, 135.417 by changing the saturation by 10% instead.


 67, 94.696,
135.417


 67, 94.696,
135.417


 100, 94.696,
135.417


 57, 94.696,
135.417


 87, 94.696,
135.417

 47, 94.696,
135.417

 97, 94.696,
135.417

 37, 94.696,
135.417

 27, 94.696,
135.417

 17, 94.696,
135.417

 7, 94.696, 135.417

 0, 94.696, 135.417

■ 67, 94.696,
135.417

■ 67, 94.696,
135.417

■ 67, 94.872,
135.410

■ 67, 91.490,
135.415

■ 68, 86.065,
135.696

■ 68, 78.444,
136.280

■ 69, 69.107,
137.038

■ 70, 58.550,
137.855

■ 71, 47.191,
138.652

■ 72, 35.358,
139.390

■ 73, 23.301,

140.050

■ 75, 11.207,
140.634

Harmonies

Complementary

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



67, 94.696, 135.417



41, 92.981, 323.526

Rectangle

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



67, 94.696, 135.417



67, 94.696, 185.417



67, 94.696, 315.417



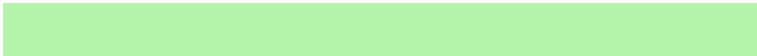
67, 94.696, 5.417

Sweetspot

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



67, 94.695, 135.418



91, 44.569, 139.310



68, 70.533, 93.469



48, 30.350, 139.004



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 94.695, 135.418



85, 115.326, 135.508



67, 80.255, 143.468



39, 6.784, 140.634



57, 83.002, 135.319



9, 21.042, 142.036

Inverse Universe

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



41, 92.981, 323.526



53, 113.086, 323.436



42, 70.858, 349.973



37, 6.810, 321.499



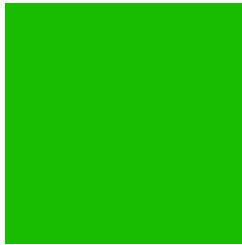
34, 81.566, 323.570



3, 20.218, 320.098

Previews

White Background



This preview shows how the CIE LCh color 67, 94.696, 135.417 looks on a white background.

Color Contrast Check

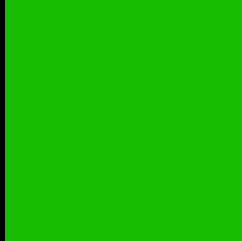
Large Text (above 18pt) WCAG AA × Fail

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, 94.696, 135.417 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, 94.696, 135.417

Background



This preview shows how black text looks on a background with the CIELCh color 67, 94.696, 135.417.



This preview shows how white text looks on a background with the CIELCh color 67, 94.696, 135.417.

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](#).

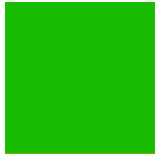
Dichromacy





Tritanopia
67, 28.322, 213.353

Trichromacy



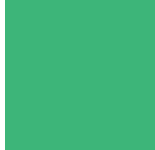
Original Color
67, 94.696, 135.417



Protanomaly
65, 75.457, 118.488



Deuteranomaly
64, 67.206, 113.926



Tritanomaly
66, 51.732, 155.954

Monochromacy



Original Color
67, 94.696, 135.417



Achromatopsia
50, 0.007, 296.813



Achromatomaly
54, 45.115, 138.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 94.696, 135.417 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(24, 189, 1)` looks like.

```
.text, #text, p{  
    color:rgb(24, 189, 1)  
}
```

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(24, 189, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 189, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 94.696, 135.417 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(24, 189, 1) }
```

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

```
.border{ border-color:rgb(24, 189, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 189, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 189, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 189, 1);  
box-shadow:4px 4px 4px 4px rgb(24, 189, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 67, 94.696, 135.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 189, 1) }
```

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

```
.background{ background-color: rgb(24, 189,  
1) }
```

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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