

Converting Colors

CIELCh(66, 94.545, 136.019)

Have a look what the booklet for
CIELCh(66, 94.545, 136.019)
contains.

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Color

CIELCh(66, 94.367, 136.037)

Conversions

Conversions Part 1

Format	Color
Hex	03BA02
RGB	3, 186, 2
RGB Percent	1%, 73%, 1%
CMY	0.9880, 0.2689, 0.9919
CMYK	0.98, 0.00, 0.99, 0.27
HSL	120°, 98%, 37%
HSV	120°, 99%, 73%
XYZ	17.6993, 35.3238, 5.9441
YIQ	110.3070, -50.0040, -96.0200

Conversions

Conversions Part 2

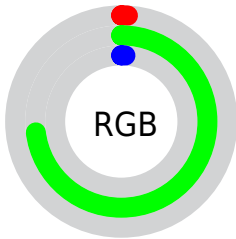
Format	Color
R_{YB}	2, 186, 185
Decimal	244226
CIE Lab	66.00, -67.92, 65.51
CIE LCh	66, 94.367, 136.037
Yxy	35.3238, 0.3002, 0.5990
Android (android.graphics.Color)	4278434306 (0xFF03BA02)
YUV	110.3070, -53.3954, -94.1082
Hunter-Lab	59.4338, -50.8522, 35.6740

Details

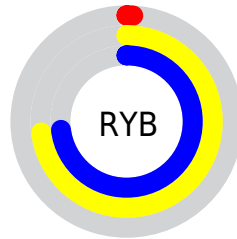
The CIELCh color **66, 94.367, 136.037** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **44, 91.134, 328.013**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **86, 94.375, 135.995**, and **47, 73.063, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **66, 94.631, 135.994**, and if you desaturate by 10%, it is **66, 91.599, 136.470**.

Distribution



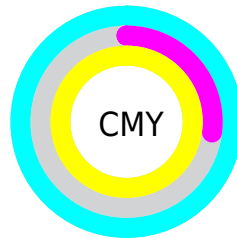
- Red (1%)
- Green (73%)
- Blue (1%)



- Red (1%)
- Yellow (73%)
- Blue (73%)



- Cyan (98%)
- Magenta (0%)
- Yellow (99%)
- Black (27%)





- Cyan (99%)
- Magenta (27%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 94.367, 136.037 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 66, 94.367, 136.037 by changing the saturation by 10% instead.


 66, 94.367,
136.037


 66, 94.367,
136.037


 100, 94.367,
136.037


 56, 94.367,
136.037


 86, 94.367,
136.037

 46, 94.367,
136.037

 96, 94.367,
136.037

 36, 94.367,
136.037

 26, 94.367,
136.037

 16, 94.367,
136.037

 6, 94.367, 136.037

 0, 94.367, 136.037

■ 66, 94.367,
136.037

■ 66, 94.367,
136.037

■ 66, 94.631,
135.994

■ 66, 91.599,
136.470

■ 66, 86.547,
137.213

■ 67, 79.180,
138.210

■ 68, 69.952,
139.315

■ 68, 59.354,
140.412

■ 70, 47.825,
141.430

■ 71, 35.730,
142.336

■ 72, 23.361,

143.125

■ 74, 10.942,
143.809

Harmonies

Complementary

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



66, 94.367, 136.037



44, 91.134, 328.013

Rectangle

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



66, 94.367, 136.037



66, 94.367, 186.037



66, 94.367, 316.037



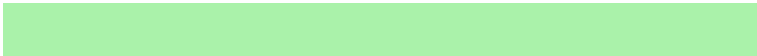
66, 94.367, 6.037

Sweetspot

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



66, 94.366, 136.038



89, 45.875, 142.199



73, 75.423, 101.828



47, 31.488, 141.821



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 94.366, 136.038



84, 115.190, 136.000



67, 71.124, 148.539



39, 7.045, 143.779



57, 83.764, 135.989



9, 21.650, 144.291

Inverse Universe

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



44, 91.134, 328.013



57, 111.188, 328.016



40, 67.041, 0.043



37, 7.056, 324.782



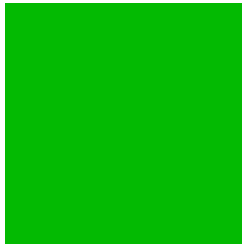
37, 80.866, 328.022



3, 21.427, 325.224

Previews

White Background



This preview shows how the CIELCh color 66, 94.367, 136.037 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 66, 94.367, 136.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

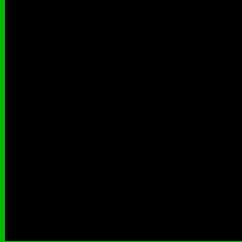
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 94.367, 136.037

Background



This preview shows how black text looks on a background with the CIELCh color 66, 94.367, 136.037.



This preview shows how white text looks on a background with the CIELCh color 66, 94.367, 136.037.

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

66, 94.210, 136.036

Protanopia

66, 69.060, 95.168

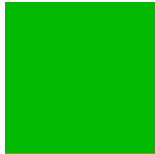
Deuteranopia

65, 61.507, 82.154



Tritanopia
66, 28.447, 213.304

Trichromacy



Original Color
66, 94.210, 136.036



Protanomaly
64, 75.678, 120.669



Deuteranomaly
63, 67.587, 116.821



Tritanomaly
65, 51.919, 157.391

Monochromacy



Original Color
66, 94.210, 136.036



Achromatopsia
47, 0.006, 296.813



Achromatomaly
52, 46.097, 140.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 94.367, 136.037 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(3, 186, 2)` looks like.

```
.text, #text, p{  
    color:rgb(3, 186, 2)  
}
```

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(3, 186, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 186, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 94.367, 136.037 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(3, 186, 2) }
```

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

```
.border{ border-color:rgb(3, 186, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 186, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 186, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 186, 2); box-shadow:4px  
4px 4px 4px rgb(3, 186, 2) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 94.367, 136.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 186, 2) }
```

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

```
.background{ background-color: rgb(3, 186,  
2) }
```

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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