

Converting Colors

CIELCh(66, 94.472, 135.954)

Have a look what the booklet for
CIELCh(66, 94.472, 135.954)
contains.

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Color

CIELCh(66, 94.280, 135.971)

Conversions

Conversions Part 1

Format	Color
Hex	06BA02
RGB	6, 186, 2
RGB Percent	2%, 73%, 1%
CMY	0.9770, 0.2691, 0.9923
CMYK	0.97, 0.00, 0.99, 0.27
HSL	119°, 98%, 37%
HSV	119°, 99%, 73%
XYZ	17.7250, 35.3238, 5.9399
YIQ	111.2040, -48.2160, -95.3840

Conversions

Conversions Part 2

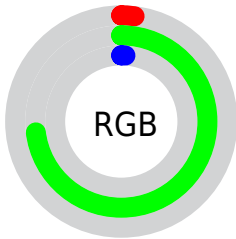
Format	Color
R_{YB}	2, 186, 182
Decimal	440834
CIE Lab	66.00, -67.79, 65.53
CIE LCh	66, 94.280, 135.971
Yxy	35.3238, 0.3005, 0.5988
Android (android.graphics.Color)	4278630914 (0xFF06BA02)
YUV	111.2040, -53.8376, -92.2639
Hunter-Lab	59.4338, -50.7750, 35.6781

Details

The CIELCh color **66, 94.280, 135.971** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **44, 91.190, 327.396**, 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, 94.530, 135.929**, and if you desaturate by 10%, it is **66, 91.469, 136.362**.

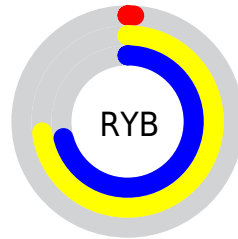
Distribution



Red (2%)

Green (73%)

Blue (1%)



Red (1%)

Yellow (73%)

Blue (71%)

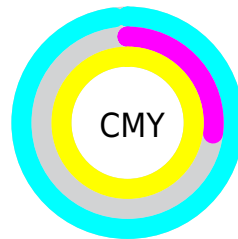


Cyan (97%)

Magenta (0%)

Yellow (99%)

Black (27%)



Cyan (98%)


Magenta (27%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 94.280, 135.971 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, 94.280, 135.971 by changing the saturation by 10% instead.


 66, 94.280,
135.971


 66, 94.280,
135.971


 100, 94.280,
135.971


 56, 94.280,
135.971


 86, 94.280,
135.971

 46, 94.280,
135.971

 96, 94.280,
135.971

 36, 94.280,
135.971

 26, 94.280,
135.971

 16, 94.280,
135.971

 6, 94.280, 135.971

 0, 94.280, 135.971

■ 66, 94.280,
135.971

■ 66, 94.280,
135.971

■ 66, 94.530,
135.929

■ 66, 91.469,
136.362

■ 66, 86.362,
137.041

■ 67, 78.960,
137.979

■ 68, 69.722,
139.034

■ 69, 59.139,
140.090

■ 70, 47.648,
141.076

■ 71, 35.607,
141.958

■ 72, 23.301,

142.727

■ 74, 10.948,
143.396

Harmonies

Complementary

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



66, 94.280, 135.971



44, 91.190, 327.396

Rectangle

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



66, 94.280, 135.971



66, 94.280, 185.971



66, 94.280, 315.971



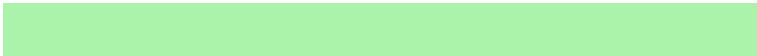
66, 94.280, 5.971

Sweetspot

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



66, 94.279, 135.972



89, 45.644, 141.828



72, 74.509, 100.747



47, 31.333, 141.461



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, 94.279, 135.972



84, 115.116, 135.954



67, 72.322, 147.736



39, 7.009, 143.370



57, 83.673, 135.910



9, 21.567, 143.995

Inverse Universe

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



44, 91.190, 327.396



57, 111.270, 327.383



40, 67.313, 358.523



37, 7.022, 324.352



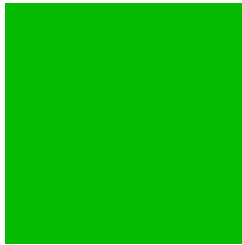
37, 80.923, 327.407



3, 21.245, 324.534

Previews

White Background



This preview shows how the CIELCh color 66, 94.280, 135.971 looks on a white background.

Color Contrast Check

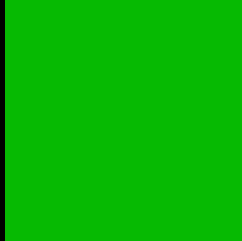
Large Text (above 18pt) WCAG AA × Fail

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, 94.280, 135.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

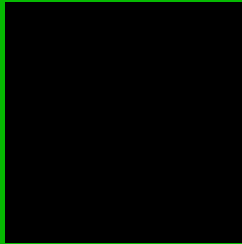
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

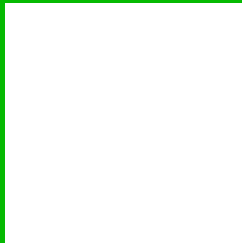
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 94.280, 135.971

Background



This preview shows how black text looks on a background with the CIELCh color 66, 94.280, 135.971.



This preview shows how white text looks on a background with the CIELCh color 66, 94.280, 135.971.

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, 94.123, 135.970

Protanopia

66, 69.060, 95.168

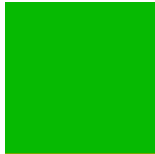
Deuteranopia

65, 61.507, 82.154



Tritanopia
66, 28.447, 213.304

Trichromacy



Original Color
66, 94.123, 135.970



Protanomaly
64, 75.541, 120.391



Deuteranomaly
63, 67.475, 116.477



Tritanomaly
65, 51.786, 157.292

Monochromacy



Original Color
66, 94.123, 135.970



Achromatopsia
47, 0.006, 296.813



Achromatomaly
52, 45.900, 140.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 94.280, 135.971 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, 186, 2)` looks like.

```
.text, #text, p{  
    color:rgb(6, 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(6, 186, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 186, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 94.280, 135.971 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, 186, 2) }
```

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

```
.border{ border-color:rgb(6, 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(6, 186, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 186, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 186, 2); box-shadow:4px  
4px 4px 4px rgb(6, 186, 2) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 94.280, 135.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 186, 2) }
```

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

```
.background{ background-color: rgb(6, 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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