

Converting Colors

CIELCh(67, 85.290, 128.108)

Have a look what the booklet for
CIELCh(67, 85.290, 128.108)
contains.

CIELCh(67, 85.264, 128.079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 85.264, 128.079)

Conversions

Conversions Part 1

Format	Color
Hex	5CB801
RGB	92, 184, 1
RGB Percent	36%, 72%, 0%
CMY	0.6386, 0.2778, 0.9945
CMYK	0.50, 0.00, 0.99, 0.28
HSL	90°, 98%, 36%
HSV	90°, 99%, 72%
XYZ	21.6104, 36.6320, 5.9715
YIQ	135.6300, 3.9110, -76.4170

Conversions

Conversions Part 2

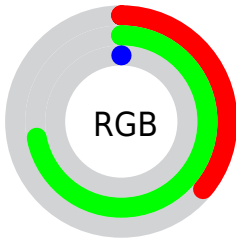
Format	Color
RYB	1, 184, 93
Decimal	6076417
CIELab	67.00, -52.59, 67.12
CIELCh	67, 85.264, 128.079
Yxy	36.6320, 0.3365, 0.5705
Android (android.graphics.Color)	4284266497 (0xFF5CB801)
YUV	135.6300, -66.3726, -38.2635
Hunter-Lab	60.5244, -42.1835, 36.5173

Details

The CIELCh color **67, 85.264, 128.079** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **29, 97.309, 312.011**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 85.355, 128.072**, and **47, 71.491, 134.816** is the 20% darker color. If you saturate the color by 10%, you get **67, 85.518, 128.151**, and if you desaturate by 10%, it is **67, 81.668, 127.116**.

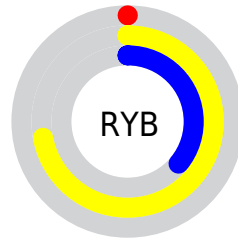
Distribution



Red (36%)

Green (72%)

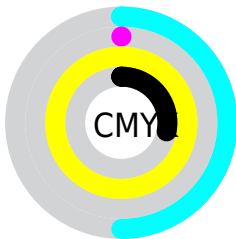
Blue (0%)



Red (0%)

Yellow (72%)

Blue (36%)

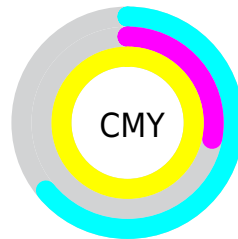


Cyan (50%)

Magenta (0%)

Yellow (99%)

Black (28%)



Cyan (64%)


Magenta (28%)


Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 85.264, 128.079 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, 85.264, 128.079 by changing the saturation by 10% instead.

 67, 85.264,
128.079


 67, 85.264,
128.079


 100, 85.264,
128.079


 57, 85.264,
128.079


 87, 85.264,
128.079

 47, 85.264,
128.079

 97, 85.264,
128.079

 37, 85.264,
128.079

 27, 85.264,
128.079

 17, 85.264,
128.079

 7, 85.264, 128.079

 0, 85.264, 128.079

■ 67, 85.264,
128.079

■ 67, 85.264,
128.079

■ 67, 85.518,
128.151

■ 67, 81.668,
127.116

■ 68, 76.294,
126.561

■ 68, 69.141,
126.425

■ 69, 60.643,
126.586

■ 70, 51.226,
126.929

■ 71, 41.226,
127.367

■ 72, 30.880,
127.844

■ 73, 20.353,

128.326

■ 74, 9.761, 128.795

Harmonies

Complementary

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



67, 85.264, 128.079



29, 97.309, 312.011

Rectangle

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



67, 85.264, 128.079



67, 85.264, 178.079



67, 85.264, 308.079



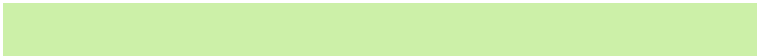
67, 85.264, 358.079

Sweetspot

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



67, 85.264, 128.080



91, 39.237, 127.783



50, 66.373, 60.768



48, 26.703, 127.582



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 85.264, 128.080



85, 104.488, 128.424



65, 93.615, 136.047



38, 5.973, 128.791



57, 75.334, 127.937



8, 16.898, 133.282

Inverse Universe

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



29, 97.309, 312.011



38, 119.197, 311.789



44, 90.351, 328.227



36, 6.053, 309.587



24, 86.078, 312.124



2, 15.962, 305.018

Previews

White Background



This preview shows how the CIELCh color 67, 85.264, 128.079 looks on a white background.

Color Contrast Check

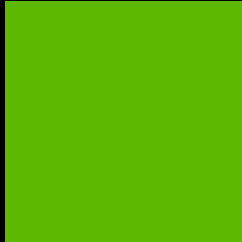
Large Text (above 18pt) WCAG AA × Fail

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, 85.264, 128.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

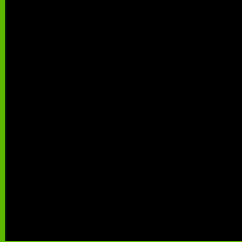
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 85.264, 128.079

Background



This preview shows how black text looks on a background with the CIELCh color 67, 85.264, 128.079.



This preview shows how white text looks on a background with the CIELCh color 67, 85.264, 128.079.

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
67, 85.264, 128.079

Protanopia
66, 69.749, 94.879

Deuteranopia
67, 63.380, 82.323



Tritanopia
67, 19.089, 222.203

Trichromacy



Original Color
67, 85.264, 128.079



Protanomaly
66, 72.082, 109.989



Deuteranomaly
66, 66.007, 104.031



Tritanomaly
66, 41.044, 145.728

Monochromacy



Original Color
67, 85.264, 128.079



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 39.435, 127.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 85.264, 128.079 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(92, 184, 1)` looks like.

```
.text, #text, p{  
    color:rgb(92, 184, 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(92, 184, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 184, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 85.264, 128.079 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(92, 184, 1) }
```

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

```
.border{ border-color:rgb(92, 184, 1) }
```

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

Here you see how a box with a 4 pixel rgb(92, 184, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 184, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 184, 1);  
box-shadow:4px 4px 4px 4px rgb(92, 184, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 67, 85.264, 128.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 184, 1) }
```

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

```
.background{ background-color: rgb(92, 184,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor