

Converting Colors

CIELCh(67, 88.762, 130.944)

Have a look what the booklet for
CIELCh(67, 88.762, 130.944)
contains.

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Color

CIELCh(67, 88.657, 130.892)

Conversions

Conversions Part 1

Format	Color
Hex	4BBA00
RGB	75, 186, 0
RGB Percent	29%, 73%, 0%
CMY	0.7057, 0.2704, 0.9996
CMYK	0.60, 0.00, 1.00, 0.27
HSL	96°, 100%, 37%
HSV	96°, 100%, 73%
XYZ	20.4728, 36.6320, 5.9944
YIQ	131.6070, -6.4500, -81.3780

Conversions

Conversions Part 2

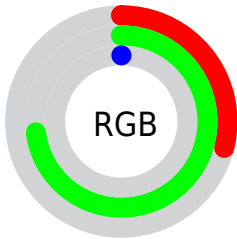
Format	Color
RYB	0, 186, 111
Decimal	4962816
CIELab	67.00, -58.04, 67.02
CIELCh	67, 88.657, 130.892
Yxy	36.6320, 0.3245, 0.5805
Android (android.graphics.Color)	4283152896 (0xFF4BBA00)
YUV	131.6070, -64.8823, -49.6443
Hunter-Lab	60.5244, -45.5386, 36.4949

Details

The CIELCh color **67, 88.657, 130.892** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **32, 96.421, 314.324**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 88.497, 130.825**, and **48, 73.466, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 88.678, 130.898**, and if you desaturate by 10%, it is **67, 84.988, 130.042**.

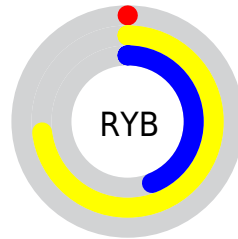
Distribution



Red (29%)

Green (73%)

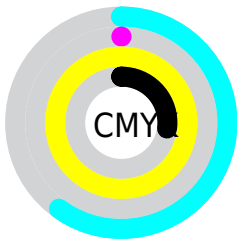
Blue (0%)



Red (0%)

Yellow (73%)

Blue (44%)

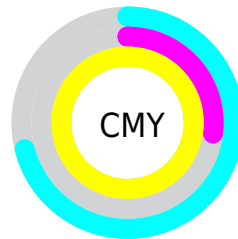


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (71%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 88.657, 130.892 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, 88.657, 130.892 by changing the saturation by 10% instead.

 67, 88.657,
130.892


 67, 88.657,
130.892


 100, 88.657,
130.892


 57, 88.657,
130.892


 87, 88.657,
130.892

 47, 88.657,
130.892

 97, 88.657,
130.892

 37, 88.657,
130.892

 27, 88.657,
130.892

 17, 88.657,
130.892

 7, 88.657, 130.892

 0, 88.657, 130.892

■ 67, 88.657,
130.892

■ 67, 88.657,
130.892

■ 67, 88.678,
130.898

■ 67, 84.988,
130.042

■ 68, 79.530,
129.553

■ 68, 72.208,
129.476

■ 69, 63.464,
129.688

■ 70, 53.742,
130.072

■ 71, 43.397,
130.538

■ 72, 32.687,
131.031

■ 73, 21.792,

131.517

■ 74, 10.841,
131.979

Harmonies

Complementary

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



67, 88.657, 130.892



32, 96.421, 314.324

Rectangle

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



67, 88.657, 130.892



67, 88.657, 180.892



67, 88.657, 310.892



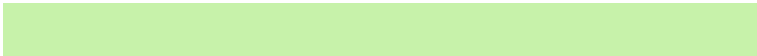
67, 88.657, 0.892

Sweetspot

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



67, 88.657, 130.893



91, 40.583, 131.004



53, 65.511, 67.858



48, 27.868, 130.794



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, 88.657, 130.893



85, 108.405, 131.148



66, 92.897, 136.721



38, 6.112, 132.007



57, 77.509, 130.688



8, 17.272, 135.858

Inverse Universe

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



32, 96.421, 314.324



42, 117.737, 314.140



43, 85.406, 331.854



36, 6.178, 312.756



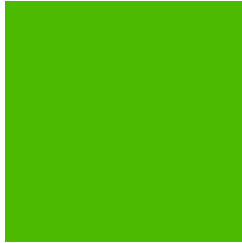
26, 84.398, 314.471



2, 16.247, 308.311

Previews

White Background



This preview shows how the CIELCh color 67, 88.657, 130.892 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, 88.657, 130.892 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, 88.657, 130.892

Background



This preview shows how black text looks on a background with the CIELCh color 67, 88.657, 130.892.



This preview shows how white text looks on a background with the CIELCh color 67, 88.657, 130.892.

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](#).

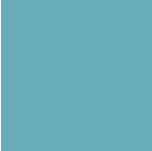
Dichromacy



Original Color
67, 88.657, 130.892

Protanopia
66, 69.749, 94.879

Deuteranopia
67, 63.064, 82.254



Tritanopia
67, 22.605, 217.991

Trichromacy



Original Color
67, 88.657, 130.892



Protanomaly
66, 73.032, 112.295



Deuteranomaly
65, 66.491, 106.739



Tritanomaly
66, 44.811, 149.899

Monochromacy



Original Color
67, 88.657, 130.892



Achromatopsia
55, 0.007, 296.813



Achromatomaly
58, 41.161, 130.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 88.657, 130.892 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(75, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 186, 0)  
}
```

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(75, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 186, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 88.657, 130.892 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(75, 186, 0) }
```

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

```
.border{ border-color:rgb(75, 186, 0) }
```

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

Here you see how a box with a 4 pixel rgb(75, 186, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 186, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 67, 88.657, 130.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 186, 0) }
```

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

```
.background{ background-color: rgb(75, 186,  
0) }
```

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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