

Converting Colors

CIELCh(67, 88.794, 130.977)

Have a look what the booklet for
CIELCh(67, 88.794, 130.977)
contains.

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Color

CIELCh(67, 88.793, 131.029)

Conversions

Conversions Part 1

Format	Color
Hex	4ABA00
RGB	74, 186, 0
RGB Percent	29%, 73%, 0%
CMY	0.7092, 0.2701, 0.9987
CMYK	0.60, 0.00, 1.00, 0.27
HSL	96°, 100%, 37%
HSV	96°, 100%, 73%
XYZ	20.4218, 36.6320, 6.0030
YIQ	131.3080, -7.0460, -81.5900

Conversions

Conversions Part 2

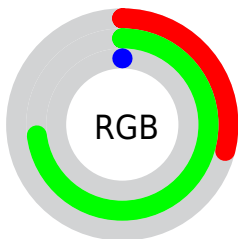
Format	Color
RYB	0, 186, 112
Decimal	4897280
CIELab	67.00, -58.29, 66.98
CIELCh	67, 88.793, 131.029
Yxy	36.6320, 0.3239, 0.5809
Android (android.graphics.Color)	4283087360 (0xFF4ABA00)
YUV	131.3080, -64.7348, -50.2591
Hunter-Lab	60.5244, -45.6891, 36.4865

Details

The CIELCh color **67, 88.793, 131.029** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **32, 96.297, 314.486**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 88.653, 130.997**, and **48, 73.466, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 88.851, 131.043**, and if you desaturate by 10%, it is **67, 85.109, 130.190**.

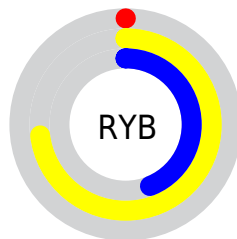
Distribution



Red (29%)

Green (73%)

Blue (0%)



Red (0%)

Yellow (73%)

Blue (44%)

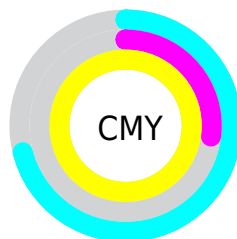


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (71%)


Magenta (27%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 88.793, 131.029 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, 88.793, 131.029 by changing the saturation by 10% instead.

 67, 88.793,
131.029


 67, 88.793,
131.029

 100, 88.793,
131.029

 57, 88.793,
131.029

 87, 88.793,
131.029

 47, 88.793,
131.029

 97, 88.793,
131.029

 37, 88.793,
131.029

 27, 88.793,
131.029

 17, 88.793,
131.029

 7, 88.793, 131.029

 0, 88.793, 131.029

■ 67, 88.793,
131.029

■ 67, 88.793,
131.029

■ 67, 88.851,
131.043

■ 67, 85.109,
130.190

■ 68, 79.619,
129.715

■ 68, 72.265,
129.649

■ 69, 63.490,
129.870

■ 70, 53.739,
130.260

■ 71, 43.367,
130.730

■ 72, 32.631,
131.226

■ 73, 21.712,

131.712

■ 74, 10.740,
132.175

Harmonies

Complementary

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



67, 88.793, 131.029



32, 96.297, 314.486

Rectangle

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



67, 88.793, 131.029



67, 88.793, 181.029



67, 88.793, 311.029



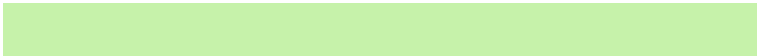
67, 88.793, 1.029

Sweetspot

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



67, 88.793, 131.030



91, 40.648, 131.193



54, 65.299, 69.415



48, 27.913, 130.982



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, 88.793, 131.030



85, 108.580, 131.291



66, 92.477, 136.915



38, 6.121, 132.197



57, 77.635, 130.834



8, 17.294, 136.000

Inverse Universe

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



32, 96.297, 314.486



42, 117.594, 314.297



43, 84.311, 332.655



36, 6.186, 312.945



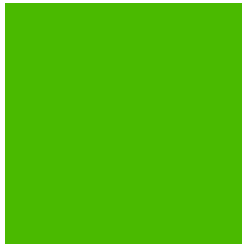
26, 84.299, 314.626



2, 16.267, 308.520

Previews

White Background



This preview shows how the CIE LCh color 67, 88.793, 131.029 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, 88.793, 131.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

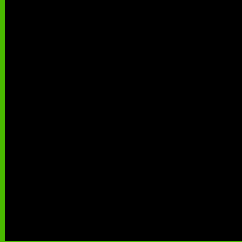
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 88.793, 131.029

Background



This preview shows how black text looks on a background with the CIELCh color 67, 88.793, 131.029.



This preview shows how white text looks on a background with the CIELCh color 67, 88.793, 131.029.

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](#).

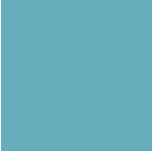
Dichromacy



Original Color
67, 88.793, 131.029

Protanopia
66, 69.749, 94.879

Deuteranopia
67, 63.064, 82.254



Tritanopia
67, 22.846, 217.753

Trichromacy



Original Color
67, 88.793, 131.029

Protanomaly
66, 73.117, 112.627

Deuteranomaly
65, 66.491, 106.739

Tritanomaly
66, 45.018, 150.142

Monochromacy



Original Color
67, 88.793, 131.029

Achromatopsia
55, 0.007, 296.813

Achromatomaly
58, 41.201, 130.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 88.793, 131.029 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(74, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(74, 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(74, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 186, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 88.793, 131.029 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(74, 186, 0) }
```

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

```
.border{ border-color:rgb(74, 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(74, 186, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(74, 186, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 67, 88.793, 131.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 186, 0) }
```

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

```
.background{ background-color: rgb(74, 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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