

Converting Colors

CIELCh(67, 88.867, 131.156)

Have a look what the booklet for
CIELCh(67, 88.867, 131.156)
contains.

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Color

CIELCh(67, 88.824, 131.205)

Conversions

Conversions Part 1

Format	Color
Hex	49BA02
RGB	73, 186, 2
RGB Percent	29%, 73%, 1%
CMY	0.7128, 0.2698, 0.9940
CMYK	0.61, 0.00, 0.99, 0.27
HSL	97°, 98%, 37%
HSV	97°, 99%, 73%
XYZ	20.3756, 36.6320, 6.0400
YIQ	131.2370, -8.2840, -81.1800

Conversions

Conversions Part 2

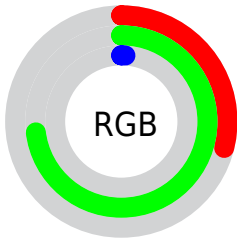
Format	Color
R_{YB}	2, 186, 115
Decimal	4831746
CIE Lab	67.00, -58.51, 66.83
CIE LCh	67, 88.824, 131.205
Yxy	36.6320, 0.3232, 0.5810
Android (android.graphics.Color)	4283021826 (0xFF49BA02)
YUV	131.2370, -63.7138, -51.0738
Hunter-Lab	60.5244, -45.8253, 36.4503

Details

The CIELCh color **67, 88.824, 131.205** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **32, 95.906, 314.771**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 88.809, 131.167**, and **48, 73.466, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 89.104, 131.268**, and if you desaturate by 10%, it is **67, 85.064, 130.389**.

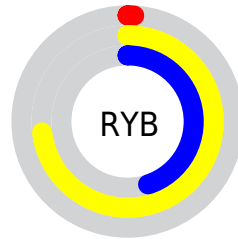
Distribution



Red (29%)

Green (73%)

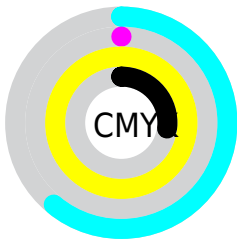
Blue (1%)



Red (1%)

Yellow (73%)

Blue (45%)

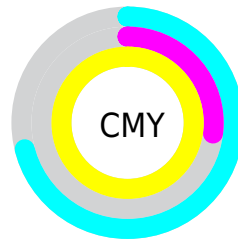


Cyan (61%)

Magenta (0%)

Yellow (99%)

Black (27%)



Cyan (71%)


Magenta (27%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 88.824, 131.205 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, 88.824, 131.205 by changing the saturation by 10% instead.

 67, 88.824,
131.205

 67, 88.824,
131.205

 100, 88.824,
131.205

 57, 88.824,
131.205


 87, 88.824,
131.205

 47, 88.824,
131.205

 97, 88.824,
131.205

 37, 88.824,
131.205

 27, 88.824,
131.205

 17, 88.824,
131.205

 7, 88.824, 131.205

 0, 88.824, 131.205

■ 67, 88.824,
131.205

■ 67, 88.824,
131.205

■ 67, 89.104,
131.268

■ 67, 85.064,
130.389

■ 68, 79.430,
129.957

■ 69, 71.949,
129.926

■ 69, 63.072,
130.171

■ 70, 53.242,
130.576

■ 71, 42.808,
131.055

■ 72, 32.021,
131.554

■ 73, 21.063,

132.041

■ 74, 10.058,
132.503

Harmonies

Complementary

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



67, 88.824, 131.205



32, 95.906, 314.771

Rectangle

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



67, 88.824, 131.205



67, 88.824, 181.205



67, 88.824, 311.205



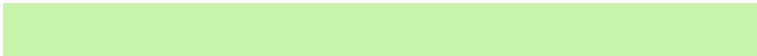
67, 88.824, 1.205

Sweetspot

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



67, 88.824, 131.206



91, 40.751, 131.489



54, 65.082, 69.570



48, 27.985, 131.277



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, 88.824, 131.206



85, 108.853, 131.512



66, 92.312, 136.960



39, 6.276, 132.495



58, 78.783, 131.081



9, 19.730, 136.289

Inverse Universe

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



32, 95.906, 314.771



42, 117.369, 314.548



43, 84.250, 332.625



37, 6.342, 313.244



27, 85.164, 314.860



2, 18.481, 309.047

Previews

White Background



This preview shows how the CIELCh color 67, 88.824, 131.205 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, 88.824, 131.205 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, 88.824, 131.205

Background



This preview shows how black text looks on a background with the CIELCh color 67, 88.824, 131.205.

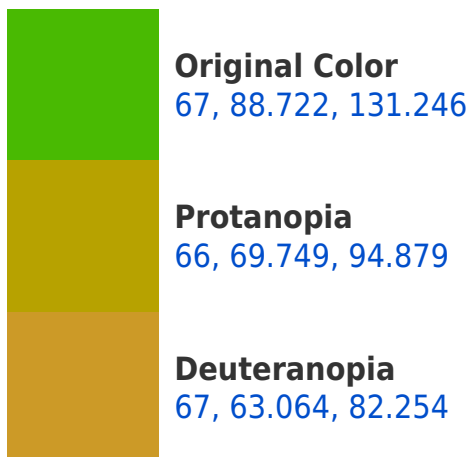


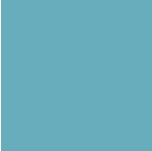
This preview shows how white text looks on a background with the CIELCh color 67, 88.824, 131.205.

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





Tritanopia
67, 22.846, 217.753

Trichromacy



Original Color
67, 88.722, 131.246

Protanomaly
66, 72.993, 112.654

Deuteranomaly
65, 66.525, 107.123

Tritanomaly
66, 44.602, 150.595

Monochromacy



Original Color
67, 88.722, 131.246

Achromatopsia
55, 0.007, 296.813

Achromatomaly
58, 40.725, 130.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 88.824, 131.205 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(73, 186, 2)` looks like.

```
.text, #text, p{  
    color:rgb(73, 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(73, 186, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 186, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 88.824, 131.205 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(73, 186, 2) }
```

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

```
.border{ border-color:rgb(73, 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(73, 186, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 186, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 186, 2);  
box-shadow:4px 4px 4px 4px rgb(73, 186, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 67, 88.824, 131.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 186, 2) }
```

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

```
.background{ background-color: rgb(73, 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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