

Converting Colors

CIELCh(66, 64.872, 127.093)

Have a look what the booklet for
CIELCh(66, 64.872, 127.093)
contains.

CIELCh(66, 64.850, 127.074)	3
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Color

CIELCh(66, 64.850, 127.074)

Conversions

Conversions Part 1

Format	Color
Hex	74B13C
RGB	116, 177, 60
RGB Percent	45%, 69%, 24%
CMY	0.5464, 0.3072, 0.7660
CMYK	0.35, 0.00, 0.66, 0.31
HSL	91°, 50%, 46%
HSV	91°, 66%, 69%
XYZ	23.6202, 35.3238, 9.8028
YIQ	145.4230, 1.2010, -49.3190

Conversions

Conversions Part 2

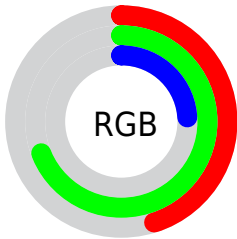
Format	Color
RYB	60, 177, 121
Decimal	7647548
CIELab	66.00, -39.09, 51.74
CIELCh	66, 64.850, 127.074
Yxy	35.3238, 0.3436, 0.5138
Android (android.graphics.Color)	4285837628 (0xFF74B13C)
YUV	145.4230, -42.1135, -25.8040
Hunter-Lab	59.4338, -33.0696, 31.8246

Details

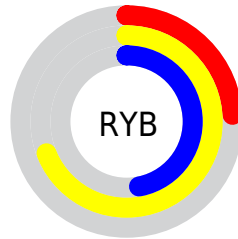
The CIELCh color **66, 64.850, 127.074** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **39, 71.165, 312.907**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 64.693, 126.986**, and **46, 63.777, 127.746** is the 20% darker color. If you saturate the color by 10%, you get **65, 72.283, 127.091**, and if you desaturate by 10%, it is **67, 56.258, 127.312**.

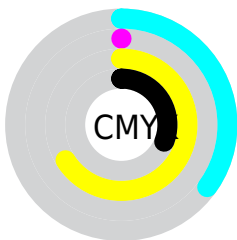
Distribution



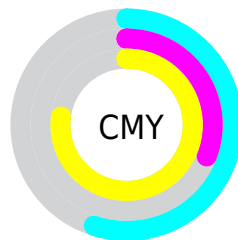
- Red (45%)
- Green (69%)
- Blue (24%)



- Red (24%)
- Yellow (69%)
- Blue (47%)



- Cyan (35%)
- Magenta (0%)
- Yellow (66%)
- Black (31%)





- Cyan (55%)
- Magenta (31%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 64.850, 127.074 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, 64.850, 127.074 by changing the saturation by 10% instead.

 66, 64.850,
127.074


 66, 64.850,
127.074


 100, 64.850,
127.074


 56, 64.850,
127.074


 86, 64.850,
127.074

 46, 64.850,
127.074

 96, 64.850,
127.074

 36, 64.850,
127.074

 26, 64.850,
127.074

 16, 64.850,
127.074

 6, 64.850, 127.074

 0, 64.850, 127.074

■ 66, 64.850,
127.074

■ 66, 64.850,
127.074

■ 65, 72.283,
127.091

■ 67, 56.258,
127.312

■ 65, 78.122,
127.484

■ 67, 46.892,
127.697

■ 64, 82.095,
128.337

■ 68, 37.045,
128.153

■ 64, 83.361,
128.682

■ 69, 26.921,
128.633

■ 70, 16.665,
129.108

■ 71, 6.377, 129.568

■ 73, 3.873, 309.938

■ 74, 14.034,
310.340

■ 75, 24.071,
310.689

Harmonies

Complementary

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



66, 64.850, 127.074



39, 71.165, 312.907

Rectangle

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



66, 64.850, 127.074



66, 64.850, 177.074



66, 64.850, 307.074



66, 64.850, 357.074

Sweetspot

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



66, 64.851, 127.075



88, 25.419, 128.914



55, 44.344, 68.687



46, 17.321, 128.783



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 64.851, 127.075



83, 91.106, 127.201



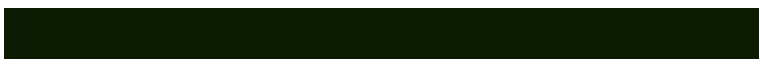
64, 73.044, 138.983



37, 5.860, 129.426



56, 74.837, 128.496



7, 14.567, 133.354

Inverse Universe

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



39, 71.165, 312.907



44, 101.759, 313.126



46, 71.873, 328.154



35, 5.936, 310.206



24, 84.703, 312.561



1, 13.890, 305.942

Previews

White Background



This preview shows how the CIELCh color 66, 64.850, 127.074 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, 64.850, 127.074 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, 64.850, 127.074

Background



This preview shows how black text looks on a background with the CIELCh color 66, 64.850, 127.074.

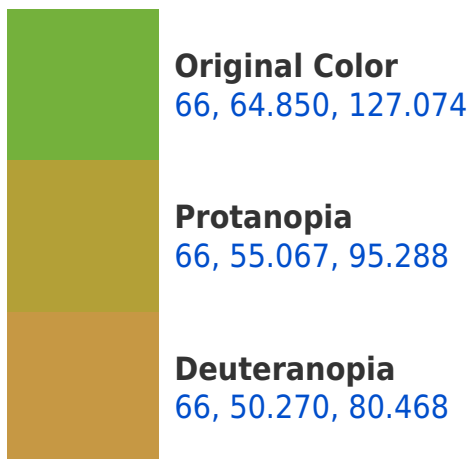


This preview shows how white text looks on a background with the CIELCh color 66, 64.850, 127.074.

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



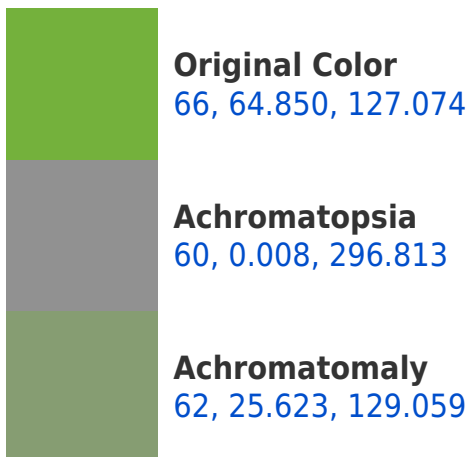


Tritanopia
66, 13.038, 232.381

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 64.850, 127.074 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(116, 177, 60)` looks like.

```
.text, #text, p{  
    color:rgb(116, 177, 60)  
}
```

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(116, 177, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 177, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 64.850, 127.074 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(116, 177, 60) }
```

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

```
.border{ border-color:rgb(116, 177, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 177, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 177, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 177, 60);  
box-shadow:4px 4px 4px 4px rgb(116, 177,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 64.850, 127.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 177, 60) }
```

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

```
.background{ background-color: rgb(116,  
177, 60) }
```

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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