

Converting Colors

CIELCh(64, 61.696, 127.651)

Have a look what the booklet for
CIELCh(64, 61.696, 127.651)
contains.

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Color

CIELCh(64, 61.928, 127.614)

Conversions

Conversions Part 1

Format	Color
Hex	70AB3D
RGB	112, 171, 61
RGB Percent	44%, 67%, 24%
CMY	0.5617, 0.3303, 0.7617
CMYK	0.35, 0.00, 0.64, 0.33
HSL	92°, 48%, 45%
HSV	92°, 64%, 67%
XYZ	22.0076, 32.8017, 9.5546
YIQ	140.8190, 0.1460, -46.7180

Conversions

Conversions Part 2

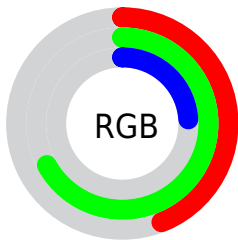
Format	Color
RYB	61, 171, 120
Decimal	7383869
CIELab	64.00, -37.80, 49.06
CIELCh	64, 61.928, 127.614
Yxy	32.8017, 0.3419, 0.5096
Android (android.graphics.Color)	4285573949 (0xFF70AB3D)
YUV	140.8190, -39.3508, -25.2743
Hunter-Lab	57.2727, -31.6369, 30.1998

Details

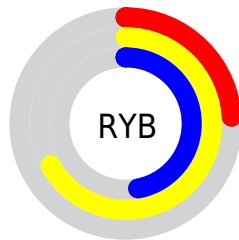
The CIELCh color **64, 61.928, 127.614** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **38, 67.484, 313.277**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 62.190, 127.668**, and **44, 61.507, 127.674** is the 20% darker color. If you saturate the color by 10%, you get **63, 69.455, 127.561**, and if you desaturate by 10%, it is **65, 53.354, 127.895**.

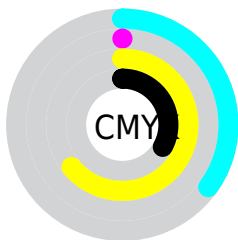
Distribution



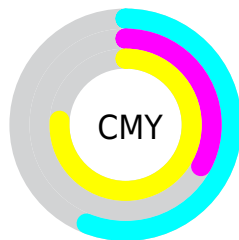
- Red (44%)
- Green (67%)
- Blue (24%)



- Red (24%)
- Yellow (67%)
- Blue (47%)



- Cyan (35%)
- Magenta (0%)
- Yellow (64%)
- Black (33%)





- Cyan (56%)
- Magenta (33%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 61.928, 127.614 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 64, 61.928, 127.614 by changing the saturation by 10% instead.


 64, 61.928,
127.614


 64, 61.928,
127.614


 100, 61.928,
127.614


 54, 61.928,
127.614


 84, 61.928,
127.614

 44, 61.928,
127.614

 94, 61.928,
127.614

 34, 61.928,
127.614

 24, 61.928,
127.614

 14, 61.928,
127.614

 4, 61.928, 127.614

 0, 61.928, 127.614

■ 64, 61.928,
127.614

■ 64, 61.928,
127.614

■ 63, 69.455,
127.561

■ 65, 53.354,
127.895

■ 63, 75.514,
127.856

■ 65, 44.090,
128.302

■ 62, 79.761,
128.606

■ 66, 34.403,
128.767

■ 62, 81.641,
129.104

■ 67, 24.479,
129.247

■ 68, 14.450,
129.716

■ 69, 4.406, 130.174

■ 71, 5.585, 310.532

■ 72, 15.479,
310.914

■ 73, 25.241,
311.249

Harmonies

Complementary

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



64, 61.928, 127.614



38, 67.484, 313.277

Rectangle

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



64, 61.928, 127.614



64, 61.928, 177.614



64, 61.928, 307.614



64, 61.928, 357.614

Sweetspot

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



64, 61.929, 127.615



86, 23.582, 129.487



54, 41.984, 70.540



46, 16.359, 129.356



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 61.929, 127.615



80, 87.588, 127.629



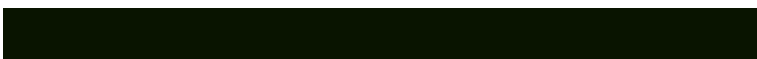
62, 68.882, 139.607



35, 5.601, 129.950



54, 73.310, 128.914



5, 10.390, 132.518

Inverse Universe

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



38, 67.484, 313.277



43, 97.039, 313.528



45, 67.799, 328.617



33, 5.671, 310.714



23, 82.342, 312.956



1, 10.070, 307.750

Previews

White Background



This preview shows how the CIELCh color 64, 61.928, 127.614 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 64, 61.928, 127.614 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 64, 61.928, 127.614

Background



This preview shows how black text looks on a background with the CIELCh color 64, 61.928, 127.614.



This preview shows how white text looks on a background with the CIELCh color 64, 61.928, 127.614.

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
64, 61.928, 127.614

Protanopia
64, 52.437, 95.944

Deuteranopia
64, 47.818, 80.353



Tritanopia
64, 13.082, 232.459

Trichromacy



Original Color
64, 61.928, 127.614

Protanomaly
64, 53.660, 109.660

Deuteranomaly
63, 48.288, 101.652

Tritanomaly
64, 24.146, 150.016

Monochromacy



Original Color
64, 61.928, 127.614

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 24.078, 129.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 61.928, 127.614 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(112, 171, 61)` looks like.

```
.text, #text, p{  
    color:rgb(112, 171, 61)  
}
```

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(112, 171, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 171, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 61.928, 127.614 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(112, 171, 61) }
```

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

```
.border{ border-color:rgb(112, 171, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 171, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 171, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 171, 61);  
box-shadow:4px 4px 4px 4px rgb(112, 171,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 61.928, 127.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 171, 61) }
```

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

```
.background{ background-color: rgb(112,  
171, 61) }
```

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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