

Converting Colors

CIELCh(67, 61.035, 129.149)

Have a look what the booklet for
CIELCh(67, 61.035, 129.149)
contains.

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Color

CIELCh(67, 61.061, 129.140)

Conversions

Conversions Part 1

Format	Color
Hex	75B348
RGB	117, 179, 72
RGB Percent	46%, 70%, 28%
CMY	0.5400, 0.2969, 0.7165
CMYK	0.35, 0.00, 0.60, 0.30
HSL	95°, 43%, 49%
HSV	95°, 60%, 70%
XYZ	24.7333, 36.6320, 11.9456
YIQ	148.2640, -2.6050, -46.4210

Conversions

Conversions Part 2

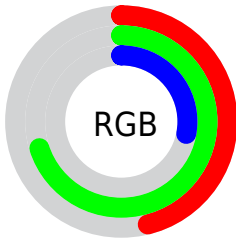
Format	Color
RYB	72, 179, 134
Decimal	7713608
CIELab	67.00, -38.54, 47.36
CIELCh	67, 61.061, 129.140
Yxy	36.6320, 0.3374, 0.4997
Android (android.graphics.Color)	4285903688 (0xFF75B348)
YUV	148.2640, -37.5982, -27.4185
Hunter-Lab	60.5244, -32.9736, 30.6651

Details

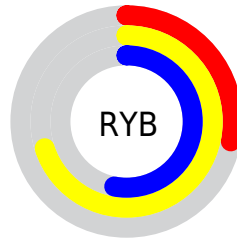
The CIELCh color **67, 61.061, 129.140** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **43, 65.431, 314.403**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 61.086, 129.193**, and **47, 61.165, 129.130** is the 20% darker color. If you saturate the color by 10%, you get **66, 69.550, 128.937**, and if you desaturate by 10%, it is **68, 51.649, 129.515**.

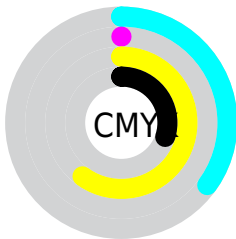
Distribution



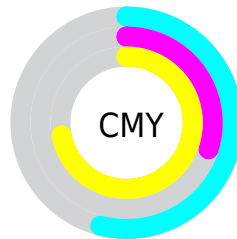
- Red (46%)
- Green (70%)
- Blue (28%)



- Red (28%)
- Yellow (70%)
- Blue (53%)



- Cyan (35%)
- Magenta (0%)
- Yellow (60%)
- Black (30%)





- Cyan (54%)
- Magenta (30%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 61.061, 129.140 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, 61.061, 129.140 by changing the saturation by 10% instead.


 67, 61.061,
129.140


 67, 61.061,
129.140


 100, 61.061,
129.140


 57, 61.061,
129.140


 87, 61.061,
129.140

 47, 61.061,
129.140

 97, 61.061,
129.140

 37, 61.061,
129.140

 27, 61.061,
129.140

 17, 61.061,
129.140

 7, 61.061, 129.140

 0, 61.061, 129.140

67, 61.061,
129.140

67, 61.061,
129.140

66, 69.550,
128.937

68, 51.649,
129.515

66, 76.690,
129.019

69, 41.648,
129.973

65, 82.052,
129.512

70, 31.302,
130.460

65, 85.695,
130.370

71, 20.781,
130.941

65, 85.802,
130.394

72, 10.206,
131.401

73, 0.338, 311.413

74, 10.789,
312.173

76, 21.106,
312.519

■ 77, 31.258,
312.823

Harmonies

Complementary

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



67, 61.061, 129.140



43, 65.431, 314.403

Rectangle

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



67, 61.061, 129.140



67, 61.061, 179.140



67, 61.061, 309.140



67, 61.061, 359.140

Sweetspot

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



67, 61.062, 129.141



89, 23.430, 131.006



59, 40.680, 74.315



47, 16.415, 130.870



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 61.062, 129.141



84, 87.622, 128.927



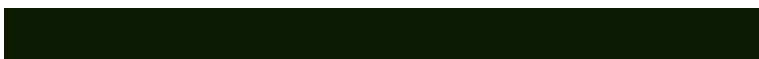
65, 65.878, 140.992



37, 5.944, 131.417



56, 76.169, 130.199



7, 14.753, 134.933

Inverse Universe

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



43, 65.431, 314.403



49, 95.153, 314.698



49, 65.007, 329.521



35, 6.011, 312.169



25, 83.675, 314.015



2, 14.043, 307.933

Previews

White Background



This preview shows how the CIELCh color 67, 61.061, 129.140 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, 61.061, 129.140 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, 61.061, 129.140

Background



This preview shows how black text looks on a background with the CIELCh color 67, 61.061, 129.140.

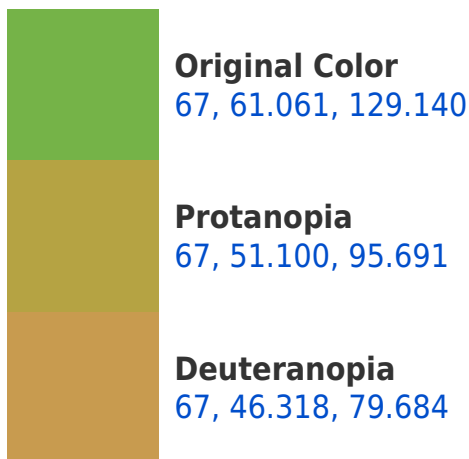


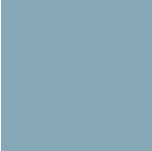
This preview shows how white text looks on a background with the CIELCh color 67, 61.061, 129.140.

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, 13.806, 232.891

Trichromacy



Original Color
67, 61.061, 129.140



Protanomaly
67, 52.269, 110.063



Deuteranomaly
66, 46.232, 101.973



Tritanomaly
67, 23.604, 153.037

Monochromacy



Original Color
67, 61.061, 129.140



Achromatopsia
62, 0.008, 296.813



Achromatomaly
63, 23.512, 131.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 61.061, 129.140 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(117, 179, 72)` looks like.

```
.text, #text, p{  
    color:rgb(117, 179, 72)  
}
```

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(117, 179, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 179, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 61.061, 129.140 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(117, 179, 72) }
```

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

```
.border{ border-color:rgb(117, 179, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 179, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 179, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 179, 72);  
box-shadow:4px 4px 4px 4px rgb(117, 179,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 61.061, 129.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 179, 72) }
```

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

```
.background{ background-color: rgb(117,  
179, 72) }
```

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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