

Converting Colors

CIELCh(67, 59.315, 130.663)

Have a look what the booklet for
CIELCh(67, 59.315, 130.663)
contains.

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Color

CIELCh(67, 59.172, 130.442)

Conversions

Conversions Part 1

Format	Color
Hex	74B34D
RGB	116, 179, 77
RGB Percent	45%, 70%, 30%
CMY	0.5439, 0.2969, 0.6969
CMYK	0.35, 0.00, 0.57, 0.30
HSL	97°, 40%, 50%
HSV	97°, 57%, 70%
XYZ	24.7703, 36.6320, 12.8374
YIQ	148.5350, -4.8060, -45.0780

Conversions

Conversions Part 2

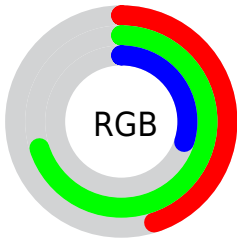
Format	Color
RYB	77, 179, 140
Decimal	7648077
CIELab	67.00, -38.38, 45.03
CIELCh	67, 59.172, 130.442
Yxy	36.6320, 0.3337, 0.4934
Android (android.graphics.Color)	4285838157 (0xFF74B34D)
YUV	148.5350, -35.2668, -28.5332
Hunter-Lab	60.5244, -32.8644, 29.7915

Details

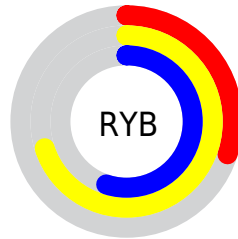
The CIELCh color $67, 59.172, 130.442$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $45, 62.661, 315.472$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 59.083, 130.480$, and $47, 59.217, 130.546$ is the 20% darker color. If you saturate the color by 10%, you get $66, 68.059, 130.144$, and if you desaturate by 10%, it is $68, 49.454, 130.876$.

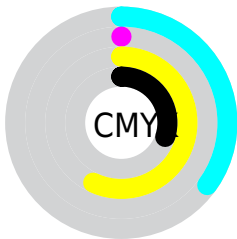
Distribution



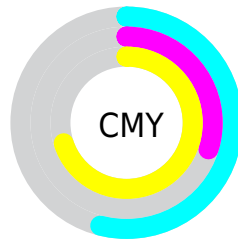
- Red (45%)
- Green (70%)
- Blue (30%)



- Red (30%)
- Yellow (70%)
- Blue (55%)



- Cyan (35%)
- Magenta (0%)
- Yellow (57%)
- Black (30%)



- Cyan (54%)
- Magenta (30%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 59.172, 130.442 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, 59.172, 130.442 by changing the saturation by 10% instead.

 67, 59.172,
130.442

 67, 59.172,
130.442

 100, 59.172,
130.442

 57, 59.172,
130.442

 87, 59.172,
130.442


 47, 59.172,
130.442

 97, 59.172,
130.442

 37, 59.172,
130.442

 27, 59.172,
130.442

 17, 59.172,
130.442

 7, 59.172, 130.442

 0, 59.172, 130.442

67, 59.172,
130.442

67, 59.172,
130.442

66, 68.059,
130.144

68, 49.454,
130.876

66, 75.703,
130.086

69, 39.216,
131.366

65, 81.657,
130.397

70, 28.684,
131.865

65, 85.677,
131.140

71, 18.019,
132.347

65, 86.739,
131.372

72, 7.333, 132.803

73, 3.292, 313.145

75, 13.799,
313.540

76, 24.149,
313.866

■ 78, 34.313,
314.150

Harmonies

Complementary

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



67, 59.172, 130.442



45, 62.661, 315.472

Rectangle

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



67, 59.172, 130.442



67, 59.172, 180.442



67, 59.172, 310.442



67, 59.172, 0.442

Sweetspot

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



67, 59.173, 130.443



89, 22.354, 132.329



61, 39.559, 79.278



48, 15.077, 132.236



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, 59.173, 130.443



84, 84.775, 130.105



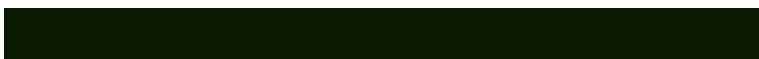
65, 61.143, 142.707



37, 6.004, 132.694



56, 77.001, 131.185



7, 14.873, 135.883

Inverse Universe

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



45, 62.661, 315.472



51, 90.663, 315.763



49, 60.470, 331.112



35, 6.065, 313.436



26, 83.022, 315.054



2, 14.160, 309.298

Previews

White Background



This preview shows how the CIELCh color 67, 59.172, 130.442 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, 59.172, 130.442 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, 59.172, 130.442

Background



This preview shows how black text looks on a background with the CIELCh color 67, 59.172, 130.442.



This preview shows how white text looks on a background with the CIELCh color 67, 59.172, 130.442.

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, 59.172, 130.442

Protanopia
67, 48.748, 96.065

Deuteranopia
67, 43.783, 79.150



Tritanopia
67, 14.071, 232.144

Trichromacy



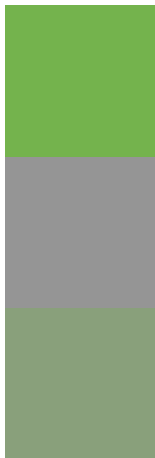
Original Color
67, 59.172, 130.442

Protanomaly
67, 50.060, 111.003

Deuteranomaly
66, 43.790, 102.642

Tritanomaly
67, 23.057, 155.473

Monochromacy



Original Color
67, 59.172, 130.442

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 22.505, 132.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 59.172, 130.442 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, 179, 77)` looks like.

```
.text, #text, p{  
    color:rgb(116, 179, 77)  
}
```

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, 179, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 179, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 59.172, 130.442 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, 179, 77) }
```

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

```
.border{ border-color:rgb(116, 179, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 179, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 179, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 179, 77);  
box-shadow:4px 4px 4px 4px rgb(116, 179,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 59.172, 130.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 179, 77) }
```

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

```
.background{ background-color: rgb(116,  
179, 77) }
```

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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