

Converting Colors

CIELCh(67, 48.020, 275.605)

Have a look what the booklet for
CIELCh(67, 48.020, 275.605)
contains.

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Color

CIELCh(67, 48.018, 275.599)

Conversions

Conversions Part 1

Format	Color
Hex	68A5F9
RGB	104, 165, 249
RGB Percent	41%, 65%, 98%
CMY	0.5927, 0.3534, 0.0241
CMYK	0.58, 0.34, 0.00, 0.02
HSL	215°, 92%, 69%
HSV	215°, 58%, 98%
XYZ	36.2034, 36.6320, 94.6751
YIQ	156.3370, -63.3200, 13.1920

Conversions

Conversions Part 2

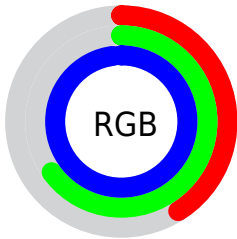
Format	Color
RYB	104, 147, 249
Decimal	6858233
CIELab	67.00, 4.68, -47.79
CIElCh	67, 48.018, 275.599
Yxy	36.6320, 0.2161, 0.2187
Android (android.graphics.Color)	4285048313 (0xFF68A5F9)
YUV	156.3370, 45.6829, -45.8995
Hunter-Lab	60.5244, 0.8544, -50.3772

Details

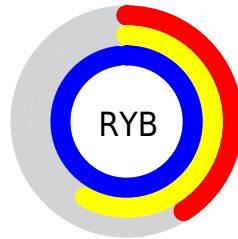
The CIELCh color **67, 48.018, 275.599** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **80, 52.070, 75.508**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.691, 247.178**, and **47, 47.799, 275.340** is the 20% darker color. If you saturate the color by 10%, you get **62, 56.398, 278.992**, and if you desaturate by 10%, it is **72, 39.722, 272.647**.

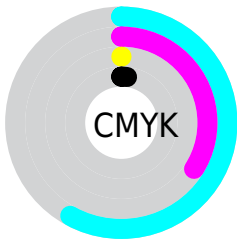
Distribution



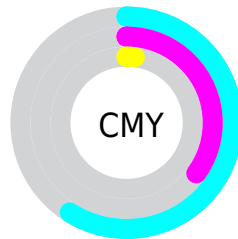
- Red (41%)
- Green (65%)
- Blue (98%)



- Red (41%)
- Yellow (58%)
- Blue (98%)



- Cyan (58%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)



- Cyan (59%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 48.018, 275.599 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, 48.018, 275.599 by changing the saturation by 10% instead.

■ 67, 48.018,
275.599

■ 67, 48.018,
275.599

■ 100, 48.018,
275.599

■ 57, 48.018,
275.599

■ 87, 48.018,
275.599

■ 47, 48.018,
275.599

■ 97, 48.018,
275.599

■ 37, 48.018,
275.599

■ 27, 48.018,
275.599

■ 17, 48.018,
275.599

■ 7, 48.018, 275.599

■ 0, 48.018, 275.599

67, 48.018,
275.599

67, 48.018,
275.599

62, 56.398,
278.992

72, 39.722,
272.647

57, 64.935,
282.789

77, 31.464,
270.120

53, 73.691,
286.873

83, 23.220,
267.974

49, 82.670,
291.021

88, 14.988,
266.159

48, 84.250,
291.698

93, 6.774, 264.639

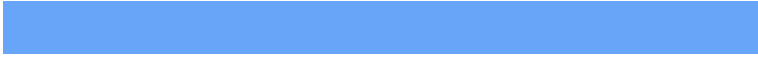
99, 1.407, 83.008

100, 3.099,
109.922

Harmonies

Complementary

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



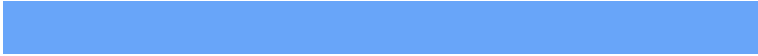
67, 48.018, 275.599



80, 52.070, 75.508

Rectangle

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



67, 48.018, 275.599



67, 48.018, 325.599



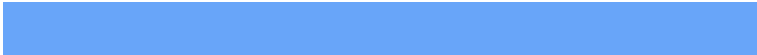
67, 48.018, 95.599



67, 48.018, 145.599

Sweetspot

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



67, 48.017, 275.600



91, 14.226, 265.954



89, 56.478, 160.686



47, 9.518, 266.288



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 48.017, 275.600



63, 59.021, 279.657



52, 83.268, 300.751



49, 4.675, 264.810



37, 67.211, 290.970



10, 26.423, 284.750

Inverse Universe

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



64, 61.289, 355.825



61, 72.271, 358.708



95, 70.195, 107.956



49, 5.965, 348.959



40, 67.438, 9.732



10, 30.545, 2.665

Previews

White Background



This preview shows how the CIE LCh color 67, 48.018, 275.599 looks on a white background.

Color Contrast Check

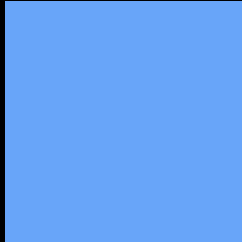
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 48.018, 275.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

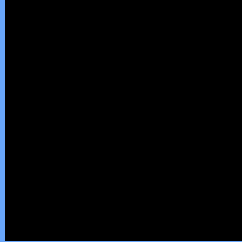
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

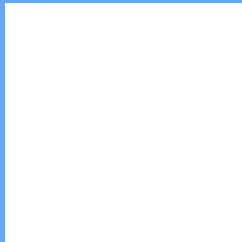
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 48.018, 275.599

Background



This preview shows how black text looks on a background with the CIELCh color 67, 48.018, 275.599.



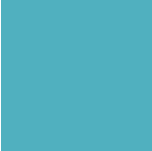
This preview shows how white text looks on a background with the CIELCh color 67, 48.018, 275.599.

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](#).

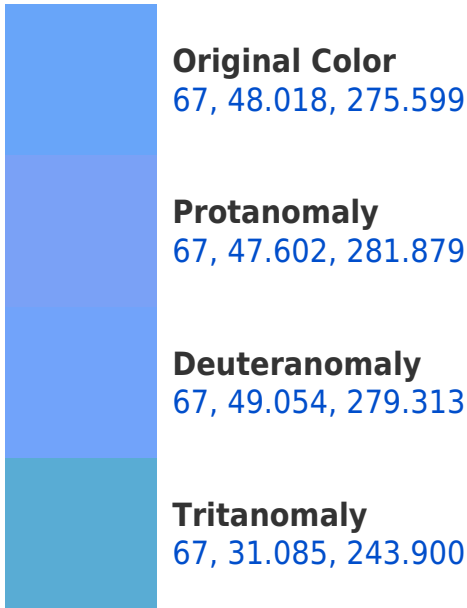
Dichromacy



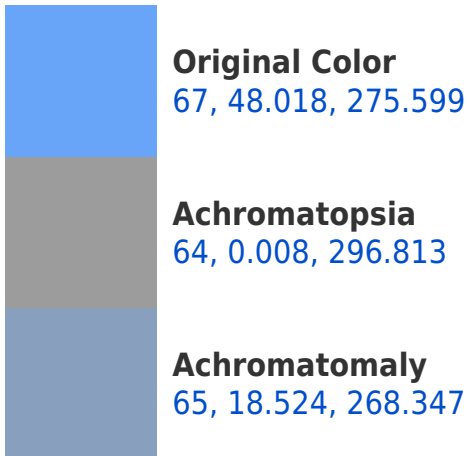


Tritanopia
67, 28.743, 214.263

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 48.018, 275.599 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(104, 165, 249)` looks like.

```
.text, #text, p{  
    color:rgb(104, 165, 249)  
}
```

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(104, 165, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 165, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 48.018, 275.599 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(104, 165, 249) }
```

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

```
.border{ border-color:rgb(104, 165, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 165, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 165, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 165, 249);  
box-shadow:4px 4px 4px 4px rgb(104, 165,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 48.018, 275.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 165, 249) }
```

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

```
.background{ background-color: rgb(104,  
165, 249) }
```

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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