

Converting Colors

CIELCh(67, 47.717, 265.846)

Have a look what the booklet for
CIELCh(67, 47.717, 265.846)
contains.

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Color

CIELCh(67, 47.680, 266.017)

Conversions

Conversions Part 1

Format	Color
Hex	47A9F8
RGB	71, 169, 248
RGB Percent	28%, 66%, 97%
CMY	0.7199, 0.3361, 0.0262
CMYK	0.71, 0.32, 0.00, 0.03
HSL	207°, 93%, 63%
HSV	207°, 71%, 97%
XYZ	33.8596, 36.6320, 94.3421
YIQ	148.7040, -83.7670, 3.7930

Conversions

Conversions Part 2

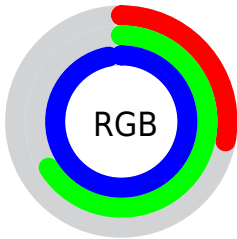
Format	Color
R _Y B	71, 134, 248
Decimal	4696568
CIE Lab	67.00, -3.31, -47.56
CIE LCh	67, 47.680, 266.017
Yxy	36.6320, 0.2054, 0.2222
Android (android.graphics.Color)	4282886648 (0xFF47A9F8)
YUV	148.7040, 48.9529, -68.1464
Hunter-Lab	60.5244, -6.0581, -50.0510

Details

The CIELCh color **67, 47.680, 266.017** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **71, 63.435, 61.309**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 29.170, 232.326**, and **48, 46.313, 270.702** is the 20% darker color. If you saturate the color by 10%, you get **63, 53.508, 270.299**, and if you desaturate by 10%, it is **71, 41.714, 262.280**.

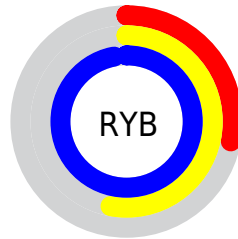
Distribution



Red (28%)

Green (66%)

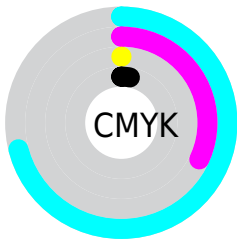
Blue (97%)



Red (28%)

Yellow (53%)

Blue (97%)

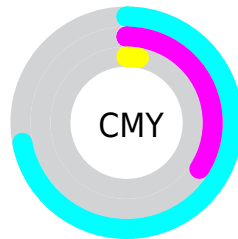


Cyan (71%)

Magenta (32%)

Yellow (0%)

Black (3%)



Cyan (72%)

Magenta (34%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 47.680, 266.017 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, 47.680, 266.017 by changing the saturation by 10% instead.

 67, 47.680,
266.017

 67, 47.680,
266.017


 100, 47.680,
266.017


 57, 47.680,
266.017


 87, 47.680,
266.017

 47, 47.680,
266.017

 97, 47.680,
266.017

 37, 47.680,
266.017

 27, 47.680,
266.017

 17, 47.680,
266.017

 7, 47.680, 266.017

 0, 47.680, 266.017

67, 47.680,
266.017

67, 47.680,
266.017

63, 53.508,
270.299

71, 41.714,
262.280

60, 59.341,
275.020

75, 35.521,
259.100

57, 64.599,
279.280

79, 29.061,
256.437

84, 22.338,
254.228

88, 15.379,
252.403

93, 8.225, 250.907

97, 0.920, 250.102

100, 3.383,
109.902

Harmonies

Complementary

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



67, 47.680, 266.017



71, 63.435, 61.309

Rectangle

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



67, 47.680, 266.017



67, 47.680, 316.017



67, 47.680, 86.017



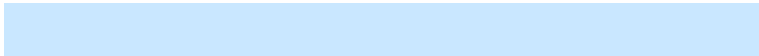
67, 47.680, 136.017

Sweetspot

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



67, 47.679, 266.018



90, 15.542, 252.368



87, 74.926, 151.627



47, 10.485, 252.836



0, 0.000, 0.000



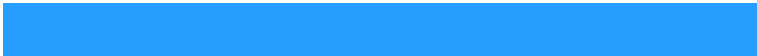
53, 0.007, 296.813

Same Dimension

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



67, 47.679, 266.018



63, 56.898, 272.089



45, 96.435, 300.164



50, 4.189, 250.680



44, 51.755, 278.402



12, 20.878, 271.090

Inverse Universe

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



59, 75.296, 349.461



57, 83.625, 352.828



92, 77.878, 100.240



49, 6.509, 341.608



41, 68.438, 357.099



10, 31.658, 352.129

Previews

White Background



This preview shows how the CIE LCh color 67, 47.680, 266.017 looks on a white background.

Color Contrast Check

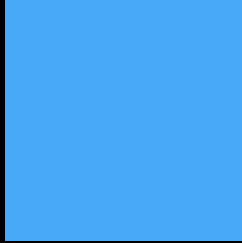
Large Text (above 18pt) WCAG AA × Fail

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, 47.680, 266.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

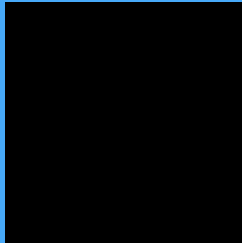
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

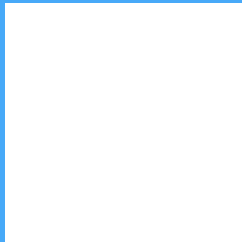
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 47.680, 266.017

Background



This preview shows how black text looks on a background with the CIELCh color 67, 47.680, 266.017.



This preview shows how white text looks on a background with the CIELCh color 67, 47.680, 266.017.

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](#).

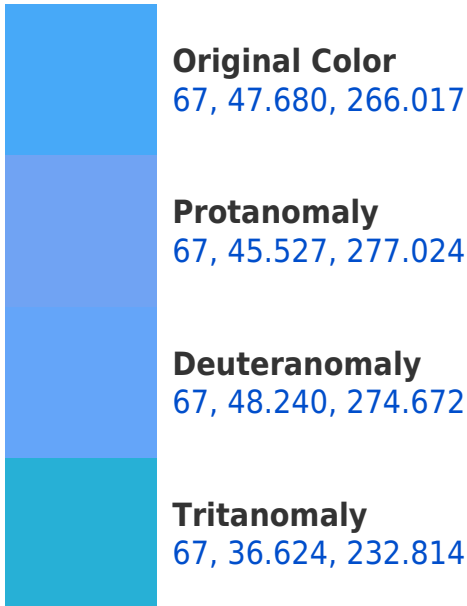
Dichromacy



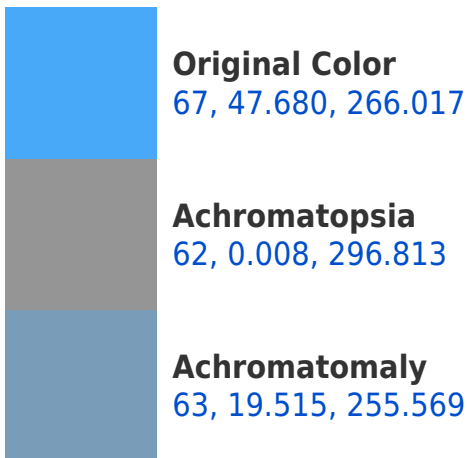


Tritanopia
67, 36.530, 209.092

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 47.680, 266.017 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(71, 169, 248)` looks like.

```
.text, #text, p{  
    color:rgb(71, 169, 248)  
}
```

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(71, 169, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 169, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 47.680, 266.017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

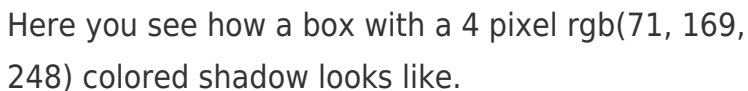
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 169, 248) }
```

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

```
.border{ border-color:rgb(71, 169, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 169, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 169, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 169, 248); box-shadow:4px 4px 4px 4px rgb(71, 169, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 47.680, 266.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 169, 248) }
```

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

```
.background{ background-color: rgb(71, 169,  
248) }
```

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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