

Converting Colors

CIELCh(66, 47.567, 268.939)

Have a look what the booklet for
CIELCh(66, 47.567, 268.939)
contains.

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Color

CIELCh(66, 47.525, 268.884)

Conversions

Conversions Part 1

Format	Color
Hex	4FA5F5
RGB	79, 165, 245
RGB Percent	31%, 65%, 96%
CMY	0.6884, 0.3517, 0.0378
CMYK	0.68, 0.33, 0.00, 0.04
HSL	209°, 90%, 64%
HSV	209°, 68%, 96%
XYZ	33.3111, 35.3238, 91.7347
YIQ	148.4060, -76.9360, 6.6480

Conversions

Conversions Part 2

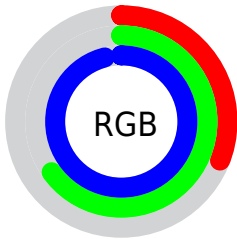
Format	Color
R _{YB}	79, 136, 245
Decimal	5219829
CIE Lab	66.00, -0.93, -47.52
CIE LCh	66, 47.525, 268.884
Yxy	35.3238, 0.2077, 0.2203
Android (android.graphics.Color)	4283409909 (0xFF4FA5F5)
YUV	148.4060, 47.6208, -60.8691
Hunter-Lab	59.4338, -3.9646, -49.9090

Details

The CIELCh color **66, 47.525, 268.884** 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 **73, 59.188, 65.076**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 28.430, 239.059**, and **47, 46.301, 271.523** is the 20% darker color. If you saturate the color by 10%, you get **62, 54.010, 272.920**, and if you desaturate by 10%, it is **70, 40.961, 265.364**.

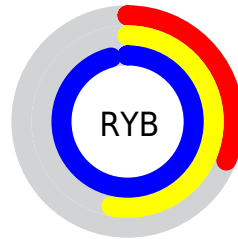
Distribution



Red (31%)

Green (65%)

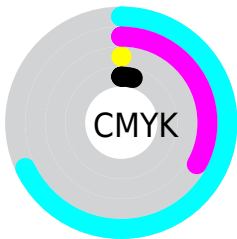
Blue (96%)



Red (31%)

Yellow (53%)

Blue (96%)

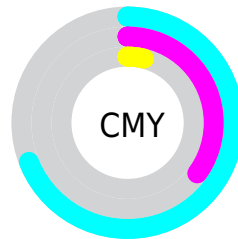


Cyan (68%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (69%)

Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 47.525, 268.884 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 66, 47.525, 268.884 by changing the saturation by 10% instead.


 66, 47.525,
268.884

 66, 47.525,
268.884


 100, 47.525,
268.884


 56, 47.525,
268.884


 86, 47.525,
268.884

 46, 47.525,
268.884

 96, 47.525,
268.884

 36, 47.525,
268.884

 26, 47.525,
268.884

 16, 47.525,
268.884

 6, 47.525, 268.884

 0, 47.525, 268.884

66, 47.525,
268.884

66, 47.525,
268.884

62, 54.010,
272.920

70, 40.961,
265.364

58, 60.536,
277.386

75, 34.246,
262.360

55, 67.232,
282.087

79, 27.348,
259.834

54, 68.874,
283.163

84, 20.271,
257.723

88, 13.036,
255.967

93, 5.677, 254.529

98, 1.771, 72.952

100, 4.878,
109.798

Harmonies

Complementary

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



66, 47.525, 268.884



73, 59.188, 65.076

Rectangle

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



66, 47.525, 268.884



66, 47.525, 318.884



66, 47.525, 88.884



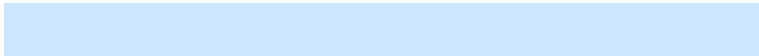
66, 47.525, 138.884

Sweetspot

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



66, 47.524, 268.885



90, 15.239, 256.362



87, 69.118, 153.848



47, 10.374, 256.846



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 47.524, 268.885



63, 57.982, 274.461



45, 93.616, 300.393



49, 4.221, 254.771



41, 55.049, 282.308



11, 21.485, 274.868

Inverse Universe

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



60, 70.876, 351.104



58, 81.016, 354.435



93, 76.130, 102.352



48, 6.246, 343.455



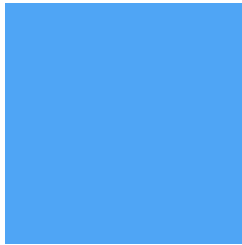
40, 67.116, 0.357



9, 30.431, 354.538

Previews

White Background



This preview shows how the CIE LCh color 66, 47.525, 268.884 looks on a white background.

Color Contrast Check

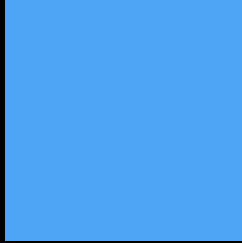
Large Text (above 18pt) WCAG AA × Fail

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 66, 47.525, 268.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

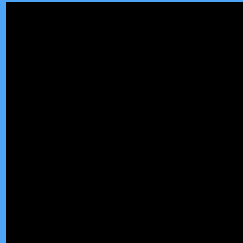
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

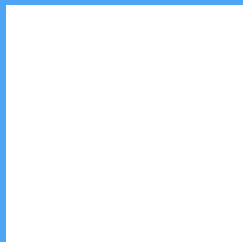
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 47.525, 268.884

Background



This preview shows how black text looks on a background with the CIELCh color 66, 47.525, 268.884.



This preview shows how white text looks on a background with the CIELCh color 66, 47.525, 268.884.

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](#).

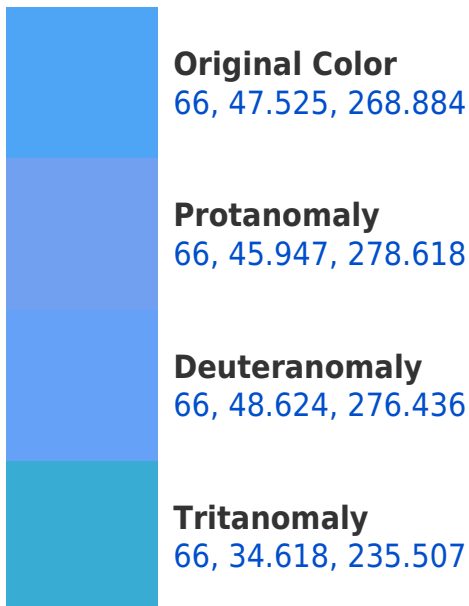
Dichromacy



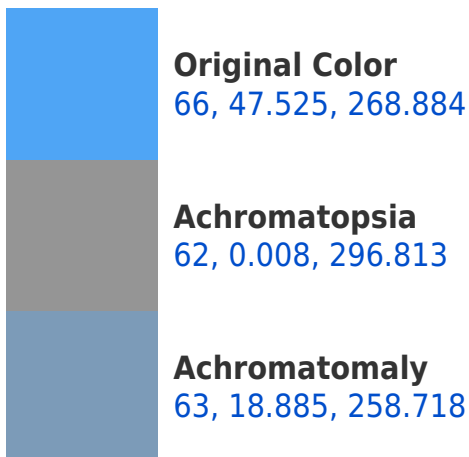


Tritanopia
66, 34.123, 210.166

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 47.525, 268.884 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(79, 165, 245)` looks like.

```
.text, #text, p{  
    color:rgb(79, 165, 245)  
}
```

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(79, 165, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 165, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 47.525, 268.884 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(79, 165, 245) }
```

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

```
.border{ border-color:rgb(79, 165, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 165, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 165, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 165, 245);  
box-shadow:4px 4px 4px 4px rgb(79, 165,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 47.525, 268.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 165, 245) }
```

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

```
.background{ background-color: rgb(79, 165,  
245) }
```

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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