

Converting Colors

CIELCh(72, 39.691, 262.582)

Have a look what the booklet for
CIELCh(72, 39.691, 262.582)
contains.

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Color

CIELCh(72, 39.691, 262.582)

Conversions

Conversions Part 1

Format	Color
Hex	6BB7F8
RGB	107, 183, 248
RGB Percent	42%, 72%, 97%
CMY	0.5813, 0.2831, 0.0283
CMYK	0.57, 0.26, 0.00, 0.03
HSL	208°, 91%, 70%
HSV	208°, 57%, 97%
XYZ	39.8374, 43.6590, 94.9590
YIQ	167.6860, -66.1610, 4.1030

Conversions

Conversions Part 2

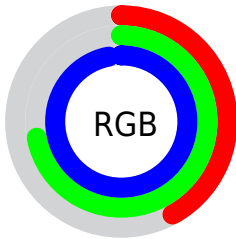
Format	Color
RYB	107, 156, 248
Decimal	7059448
CIELab	72.00, -5.12, -39.36
CIELCh	72, 39.691, 262.582
Yxy	43.6590, 0.2232, 0.2446
Android (android.graphics.Color)	4285249528 (0xFF6BB7F8)
YUV	167.6860, 39.5948, -53.2216
Hunter-Lab	66.0750, -8.0114, -38.9555

Details

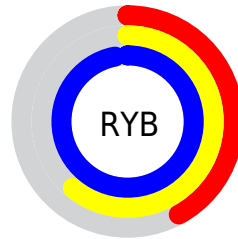
The CIELCh color **72, 39.691, 262.582** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 49.126, 64.367**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 23.655, 218.808**, and **52, 39.678, 262.671** is the 20% darker color. If you saturate the color by 10%, you get **68, 45.961, 266.078**, and if you desaturate by 10%, it is **76, 33.206, 259.621**.

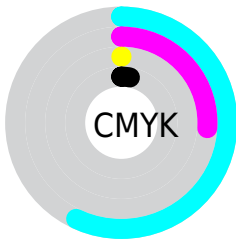
Distribution



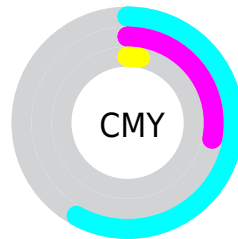
- Red (42%)
- Green (72%)
- Blue (97%)



- Red (42%)
- Yellow (61%)
- Blue (97%)



- Cyan (57%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)





- Cyan (58%)
- Magenta (28%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.691, 262.582 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 72, 39.691, 262.582 by changing the saturation by 10% instead.


 72, 39.691,
262.582


 72, 39.691,
262.582


 100, 39.691,
262.582


 62, 39.691,
262.582


 92, 39.691,
262.582

 52, 39.691,
262.582

 42, 39.691,
262.582

 32, 39.691,
262.582

 22, 39.691,
262.582

 12, 39.691,
262.582

 2, 39.691, 262.582

0, 39.691, 262.582

72, 39.691,
262.582

72, 39.691,
262.582

68, 45.961,
266.078

76, 33.206,
259.621

64, 52.089,
270.116

81, 26.487,
257.144

60, 58.194,
274.628

85, 19.544,
255.085

57, 64.423,
279.437

90, 12.406,
253.382

56, 66.411,
280.884

94, 5.114, 252.003

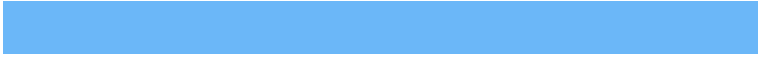
99, 2.196, 73.728

100, 3.648,

Harmonies

Complementary

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



72, 39.691, 262.582



76, 49.126, 64.367

Rectangle

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



72, 39.691, 262.582



72, 39.691, 312.582



72, 39.691, 82.582



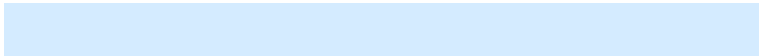
72, 39.691, 132.582

Sweetspot

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



72, 39.690, 262.582



92, 12.767, 253.400



88, 61.204, 154.823



48, 8.523, 253.718



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 39.690, 262.582



69, 47.726, 266.533



54, 76.645, 297.288



50, 4.228, 252.326



43, 53.274, 280.027



12, 21.404, 272.814

Inverse Universe

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



65, 63.129, 347.764



62, 74.098, 349.765



93, 65.667, 102.390



49, 6.446, 342.330



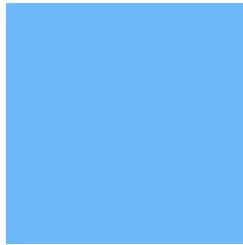
41, 68.151, 358.395



10, 31.483, 353.190

Previews

White Background



This preview shows how the CIE LCh color 72, 39.691, 262.582 looks on a white background.

Color Contrast Check

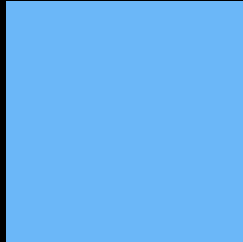
Large Text (above 18pt) WCAG AA × Fail

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 72, 39.691, 262.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

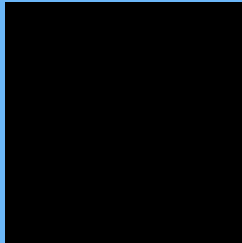
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

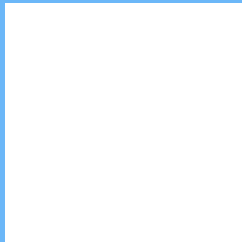
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 39.691, 262.582

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.691, 262.582.



This preview shows how white text looks on a background with the CIELCh color 72, 39.691, 262.582.

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](#).

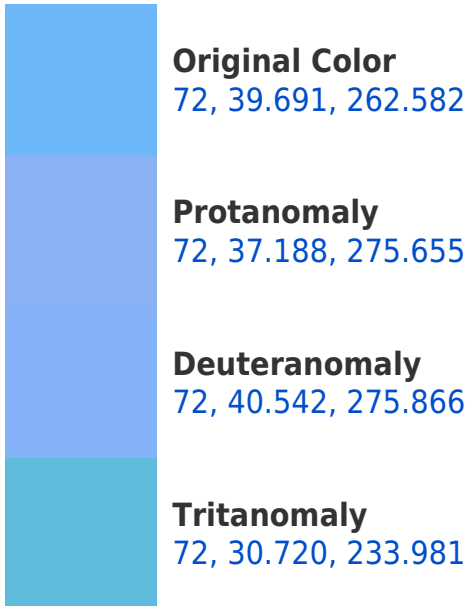
Dichromacy



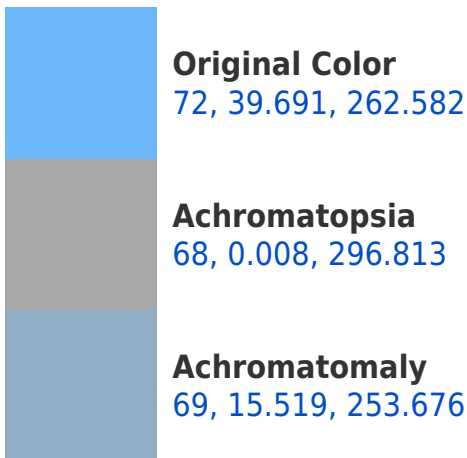


Tritanopia
72, 30.013, 213.288

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.691, 262.582 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(107, 183, 248)` looks like.

```
.text, #text, p{  
    color:rgb(107, 183, 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(107, 183, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 183, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.691, 262.582 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(107, 183, 248) }
```

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

```
.border{ border-color:rgb(107, 183, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 183, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 183, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 183, 248);  
box-shadow:4px 4px 4px 4px rgb(107, 183,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.691, 262.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 183, 248) }
```

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

```
.background{ background-color: rgb(107,  
183, 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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