

Converting Colors

CIELCh(72, 43.606, 261.457)

Have a look what the booklet for
CIELCh(72, 43.606, 261.457)
contains.

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Color

CIELCh(72, 43.694, 261.631)

Conversions

Conversions Part 1

Format	Color
Hex	5BB8FF
RGB	91, 184, 255
RGB Percent	36%, 72%, 100%
CMY	0.6437, 0.2789, 0.0005
CMYK	0.64, 0.28, 0.00, 0.00
HSL	206°, 100%, 68%
HSV	206°, 64%, 100%
XYZ	39.4442, 43.6590, 100.8460
YIQ	164.2870, -78.2190, 2.3650

Conversions

Conversions Part 2

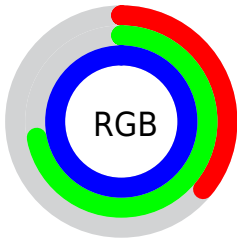
Format	Color
R _Y B	91, 150, 255
Decimal	6011135
CIE Lab	72.00, -6.36, -43.23
CIE LCh	72, 43.694, 261.631
Yxy	43.6590, 0.2144, 0.2373
Android (android.graphics.Color)	4284201215 (0xFF5BB8FF)
YUV	164.2870, 44.7215, -64.2727
Hunter-Lab	66.0750, -9.0737, -44.2381

Details

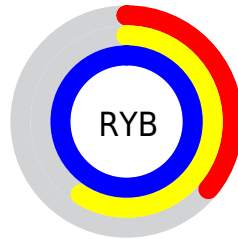
The CIELCh color **72, 43.694, 261.631** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **75, 57.853, 60.815**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 26.807, 214.905**, and **52, 43.347, 263.195** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.476, 265.557**, and if you desaturate by 10%, it is **76, 37.660, 258.283**.

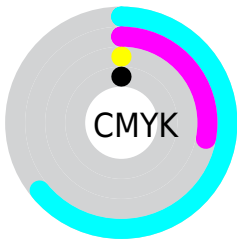
Distribution



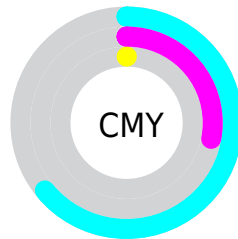
- Red (36%)
- Green (72%)
- Blue (100%)



- Red (36%)
- Yellow (59%)
- Blue (100%)



- Cyan (64%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.694, 261.631 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, 43.694, 261.631 by changing the saturation by 10% instead.


 72, 43.694,
261.631


 72, 43.694,
261.631


 100, 43.694,
261.631


 62, 43.694,
261.631


 92, 43.694,
261.631

 52, 43.694,
261.631

 42, 43.694,
261.631

 32, 43.694,
261.631

 22, 43.694,
261.631

 12, 43.694,
261.631

 2, 43.694, 261.631

0, 43.694, 261.631

72, 43.694,
261.631

72, 43.694,
261.631

68, 49.476,
265.557

76, 37.660,
258.283

65, 55.121,
270.027

80, 31.324,
255.480

61, 60.788,
274.907

85, 24.682,
253.158

59, 64.085,
277.688

89, 17.759,
251.245

93, 10.599,
249.677

98, 3.251, 248.468

100, 0.054,
108.742

Harmonies

Complementary

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



72, 43.694, 261.631



75, 57.853, 60.815

Rectangle

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



72, 43.694, 261.631



72, 43.694, 311.631



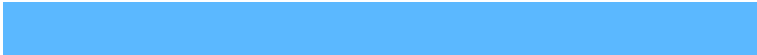
72, 43.694, 81.631



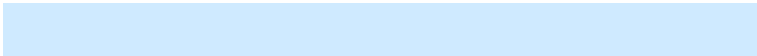
72, 43.694, 131.631

Sweetspot

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



72, 43.693, 261.632



91, 13.960, 250.366



90, 71.549, 152.078



47, 9.573, 250.824



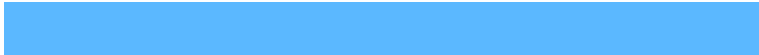
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 43.693, 261.632



67, 51.000, 266.693



51, 86.484, 297.852



51, 4.224, 249.032



45, 50.846, 276.771



13, 21.048, 269.742

Inverse Universe

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



63, 72.236, 347.281



59, 80.848, 349.775



94, 72.579, 99.897



50, 6.682, 340.912



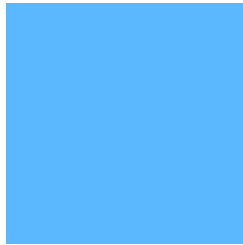
42, 69.442, 355.876



11, 32.658, 351.340

Previews

White Background



This preview shows how the CIE LCh color 72, 43.694, 261.631 looks on a white background.

Color Contrast Check

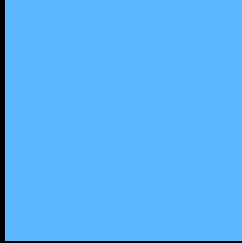
Large Text (above 18pt) WCAG AA × Fail

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, 43.694, 261.631 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

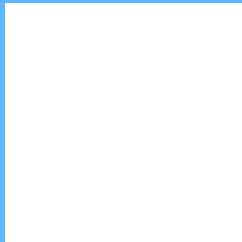
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 43.694, 261.631

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.694, 261.631.

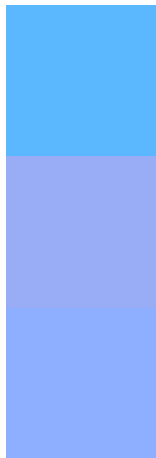


This preview shows how white text looks on a background with the CIELCh color 72, 43.694, 261.631.

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

72, 43.694, 261.631

Protanopia

72, 39.989, 285.322

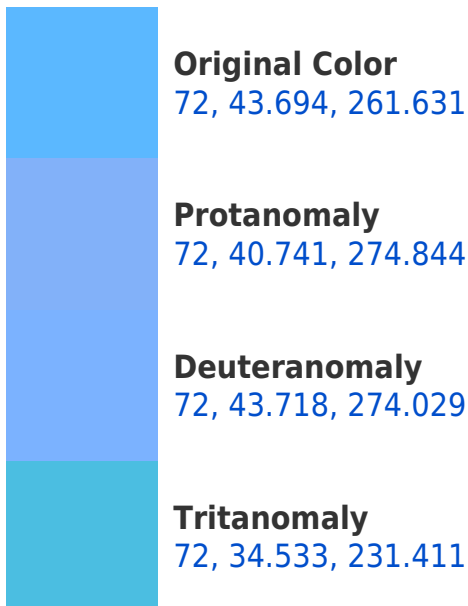
Deuteranopia

72, 44.629, 282.535

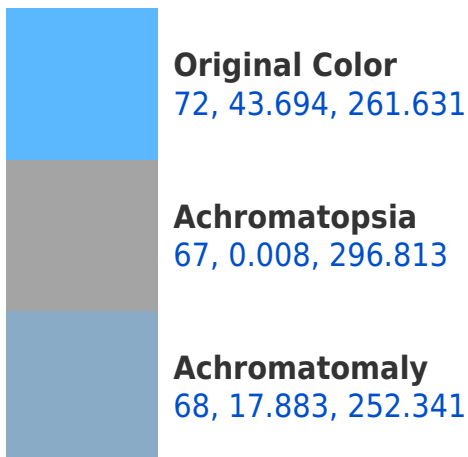


Tritanopia
72, 34.394, 210.911

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.694, 261.631 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(91, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(91, 184, 255)  
}
```

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(91, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 184, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.694, 261.631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

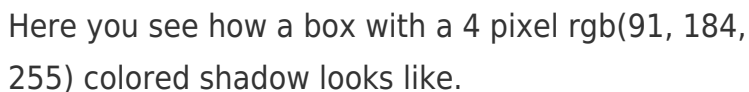
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 184, 255) }
```

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

```
.border{ border-color:rgb(91, 184, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(91, 184,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.694, 261.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 184, 255) }
```

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

```
.background{ background-color: rgb(91, 184,  
255) }
```

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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