

Converting Colors

CIELCh(72, 43.632, 267.572)

Have a look what the booklet for
CIELCh(72, 43.632, 267.572)
contains.

CIELCh(72, 43.574, 267.545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 43.574, 267.545)

Conversions

Conversions Part 1

Format	Color
Hex	6CB5FF
RGB	108, 181, 255
RGB Percent	42%, 71%, 100%
CMY	0.5782, 0.2883, 0.0000
CMYK	0.58, 0.29, 0.00, 0.00
HSL	210°, 100%, 71%
HSV	210°, 58%, 100%
XYZ	40.8870, 43.6590, 101.3206
YIQ	167.6090, -67.2620, 7.5380

Conversions

Conversions Part 2

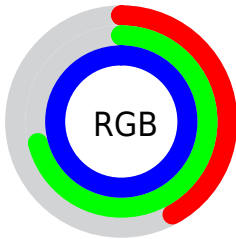
Format	Color
R _Y B	108, 157, 255
Decimal	7124479
CIE Lab	72.00, -1.87, -43.53
CIE LCh	72, 43.574, 267.545
Yxy	43.6590, 0.2200, 0.2349
Android (android.graphics.Color)	4285314559 (0xFF6CB5FF)
YUV	167.6090, 43.0838, -52.2771
Hunter-Lab	66.0750, -5.1759, -44.6639

Details

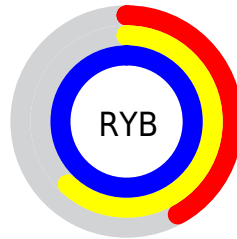
The CIELCh color **72, 43.574, 267.545** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **79, 51.447, 67.922**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 22.916, 222.454**, and **52, 43.784, 268.202** is the 20% darker color. If you saturate the color by 10%, you get **68, 50.387, 270.848**, and if you desaturate by 10%, it is **77, 36.169, 264.295**.

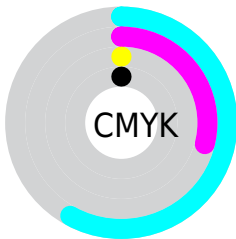
Distribution



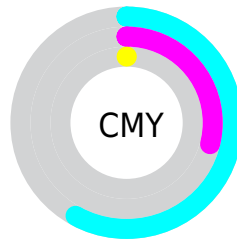
- Red (42%)
- Green (71%)
- Blue (100%)



- Red (42%)
- Yellow (62%)
- Blue (100%)



- Cyan (58%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (58%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.574, 267.545 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, 43.574, 267.545 by changing the saturation by 10% instead.


 72, 43.574,
267.545


 72, 43.574,
267.545


 100, 43.574,
267.545


 62, 43.574,
267.545


 92, 43.574,
267.545

 52, 43.574,
267.545

 42, 43.574,
267.545

 32, 43.574,
267.545

 22, 43.574,
267.545

 12, 43.574,
267.545

 2, 43.574, 267.545

■ 0, 43.574, 267.545

■ 72, 43.574,
267.545

■ 72, 43.574,
267.545

■ 68, 50.387,
270.848

■ 77, 36.169,
264.295

■ 63, 57.407,
274.872

■ 81, 28.854,
261.743

■ 59, 64.510,
279.300

■ 86, 21.388,
259.605

■ 55, 71.817,
283.926

■ 91, 13.788,
257.820

■ 55, 73.456,
284.894

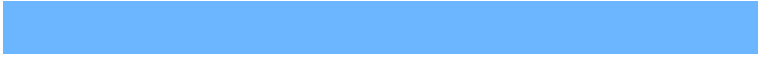
■ 96, 6.084, 256.352

100, 0.012,
296.813

Harmonies

Complementary

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



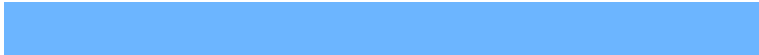
72, 43.574, 267.545



79, 51.447, 67.922

Rectangle

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



72, 43.574, 267.545



72, 43.574, 317.545



72, 43.574, 87.545



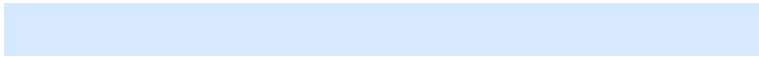
72, 43.574, 137.545

Sweetspot

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



72, 43.334, 267.318



92, 13.161, 257.688



91, 61.670, 156.284



48, 8.793, 258.016



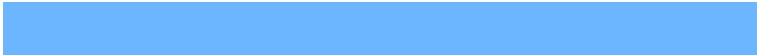
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 43.334, 267.318



67, 51.216, 271.298



54, 82.877, 298.710



51, 4.420, 256.576



41, 58.147, 284.051



12, 23.673, 277.485

Inverse Universe

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



66, 64.240, 350.308



61, 73.582, 352.556



97, 70.034, 103.959



50, 6.389, 344.333



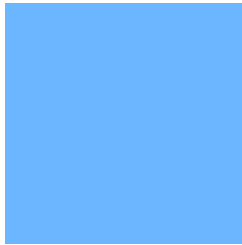
41, 68.262, 1.981



10, 31.882, 356.403

Previews

White Background



This preview shows how the CIE LCh color 72, 43.574, 267.545 looks on a white background.

Color Contrast Check

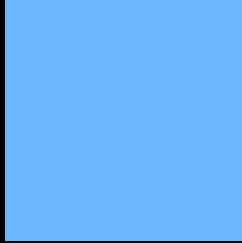
Large Text (above 18pt) WCAG AA × Fail

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, 43.574, 267.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

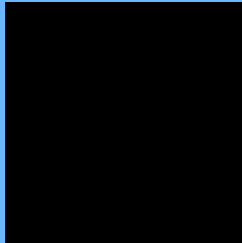
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

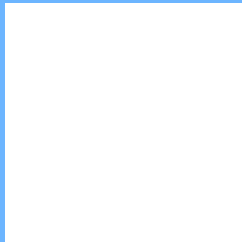
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 43.574, 267.545

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.574, 267.545.



This preview shows how white text looks on a background with the CIELCh color 72, 43.574, 267.545.

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

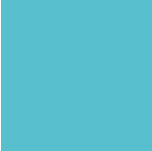
72, 43.497, 267.794

Protanopia

72, 41.085, 285.297

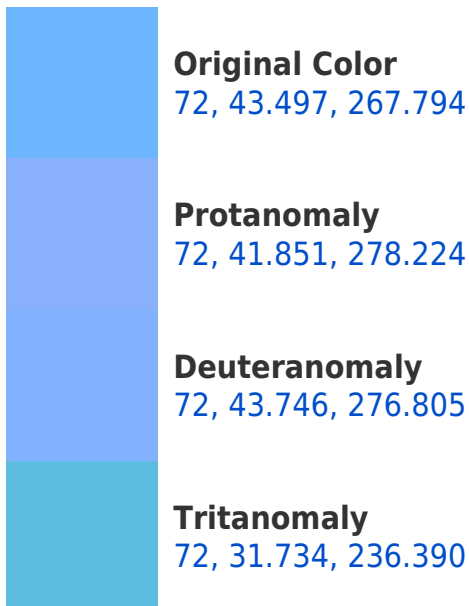
Deuteranopia

72, 44.586, 282.867

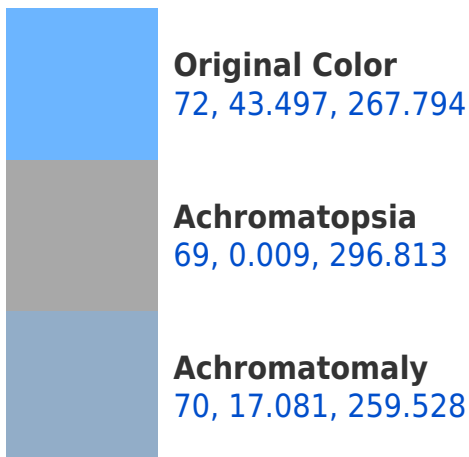


Tritanopia
72, 30.579, 212.948

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.574, 267.545 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(108, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(108, 181, 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(108, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 181, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.574, 267.545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

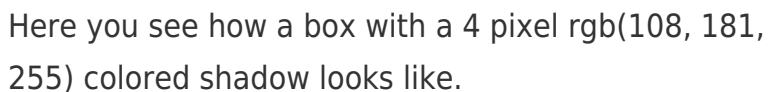
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 181, 255) }
```

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

```
.border{ border-color:rgb(108, 181, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(108, 181,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.574, 267.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 181, 255) }
```

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

```
.background{ background-color: rgb(108,  
181, 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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