

Converting Colors

CIELCh(72, 41.948, 258.454)

Have a look what the booklet for
CIELCh(72, 41.948, 258.454)
contains.

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Color

CIELCh(72, 41.886, 258.275)

Conversions

Conversions Part 1

Format	Color
Hex	59B9FB
RGB	89, 185, 251
RGB Percent	35%, 73%, 98%
CMY	0.6521, 0.2754, 0.0167
CMYK	0.65, 0.26, 0.00, 0.02
HSL	204°, 95%, 67%
HSV	204°, 65%, 98%
XYZ	38.7652, 43.6590, 97.4450
YIQ	163.8200, -78.4020, 0.1740

Conversions

Conversions Part 2

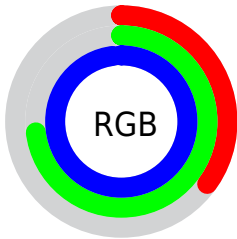
Format	Color
R _Y B	89, 149, 251
Decimal	5880315
CIE Lab	72.00, -8.51, -41.01
CIE LCh	72, 41.886, 258.275
Yxy	43.6590, 0.2155, 0.2427
Android (android.graphics.Color)	4284070395 (0xFF59B9FB)
YUV	163.8200, 42.9797, -65.6171
Hunter-Lab	66.0750, -10.9079, -41.1863

Details

The CIELCh color **72, 41.886, 258.275** 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 **73, 57.545, 58.397**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.473, 213.283**, and **52, 41.249, 259.872** is the 20% darker color. If you saturate the color by 10%, you get **68, 47.143, 262.194**, and if you desaturate by 10%, it is **76, 36.306, 254.959**.

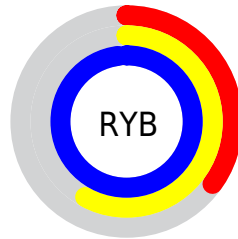
Distribution



Red (35%)

Green (73%)

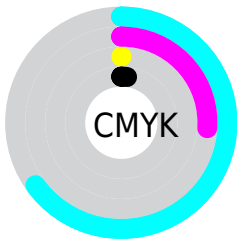
Blue (98%)



Red (35%)

Yellow (58%)

Blue (98%)

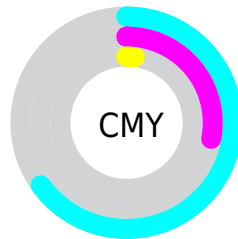


Cyan (65%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (65%)


Magenta (28%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 41.886, 258.275 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, 41.886, 258.275 by changing the saturation by 10% instead.


 72, 41.886,
258.275


 72, 41.886,
258.275


 100, 41.886,
258.275


 62, 41.886,
258.275


 92, 41.886,
258.275

 52, 41.886,
258.275

 42, 41.886,
258.275

 32, 41.886,
258.275

 22, 41.886,
258.275

 12, 41.886,
258.275

 2, 41.886, 258.275

■ 0, 41.886, 258.275

■ 72, 41.886,
258.275

■ 72, 41.886,
258.275

■ 68, 47.143,
262.194

■ 76, 36.306,
254.959

■ 65, 52.191,
266.694

■ 80, 30.361,
252.204

■ 62, 57.196,
271.653

■ 84, 24.052,
249.937

■ 60, 59.961,
274.357

■ 88, 17.415,
248.083

■ 92, 10.501,
246.574

■ 97, 3.365, 245.422

100, 2.143,
109.982

Harmonies

Complementary

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



72, 41.886, 258.275



73, 57.545, 58.397

Rectangle

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



72, 41.886, 258.275



72, 41.886, 308.275



72, 41.886, 78.275



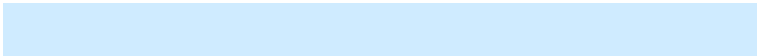
72, 41.886, 128.275

Sweetspot

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



72, 41.885, 258.275



92, 13.746, 247.198



89, 71.895, 151.312



48, 9.418, 247.637



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, 41.885, 258.275



68, 49.527, 263.684



51, 84.068, 297.257



50, 4.100, 245.926



46, 47.733, 273.412



13, 19.511, 265.878

Inverse Universe

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



63, 72.517, 345.746



59, 82.385, 348.227



92, 70.955, 98.919



49, 6.691, 339.661



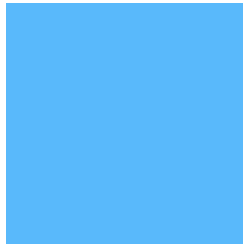
41, 69.453, 353.573



10, 32.213, 349.254

Previews

White Background



This preview shows how the CIELCh color 72, 41.886, 258.275 looks on a white background.

Color Contrast Check

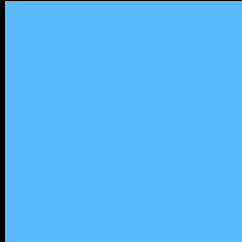
Large Text (above 18pt) WCAG AA × Fail

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, 41.886, 258.275 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

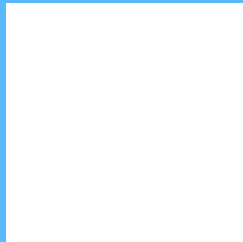
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 41.886, 258.275

Background



This preview shows how black text looks on a background with the CIELCh color 72, 41.886, 258.275.



This preview shows how white text looks on a background with the CIELCh color 72, 41.886, 258.275.

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, 41.886, 258.275

Protanopia

72, 37.263, 285.220

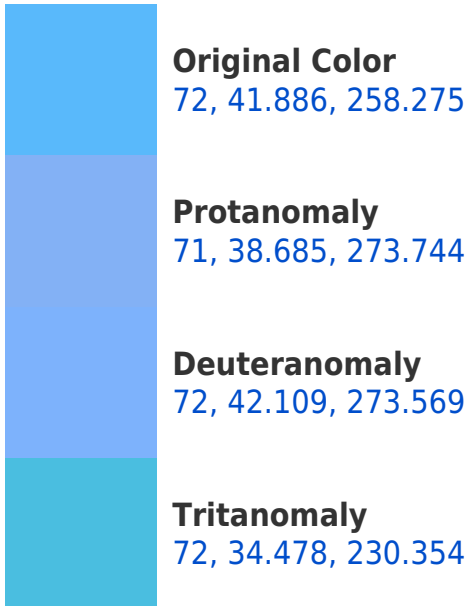
Deuteranopia

72, 43.456, 283.117

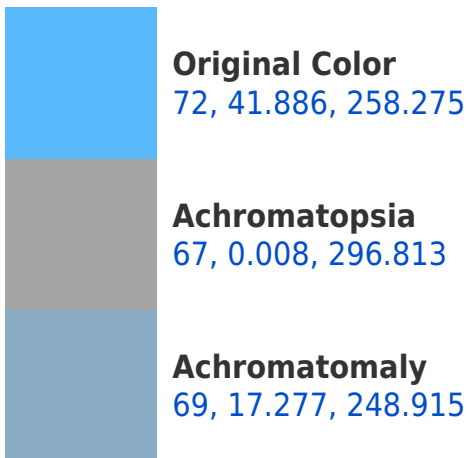


Tritanopia
72, 34.394, 210.911

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 41.886, 258.275 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(89, 185, 251)` looks like.

```
.text, #text, p{  
    color:rgb(89, 185, 251)  
}
```

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(89, 185, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 185, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 41.886, 258.275 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(89, 185, 251) }
```

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

```
.border{ border-color:rgb(89, 185, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 185, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 185, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 185, 251);  
box-shadow:4px 4px 4px 4px rgb(89, 185,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 41.886, 258.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 185, 251) }
```

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

```
.background{ background-color: rgb(89, 185,  
251) }
```

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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