

Converting Colors

CIELCh(72, 39.358, 256.670)

Have a look what the booklet for
CIELCh(72, 39.358, 256.670)
contains.

CIELCh(72, 39.358, 256.670)	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, 39.358, 256.670)

Conversions

Conversions Part 1

Format	Color
Hex	5FB9F6
RGB	95, 185, 246
RGB Percent	37%, 73%, 96%
CMY	0.6285, 0.2754, 0.0362
CMYK	0.61, 0.25, 0.00, 0.04
HSL	204°, 89%, 67%
HSV	204°, 61%, 96%
XYZ	38.5891, 43.6590, 93.3856
YIQ	165.0440, -73.2210, -0.1090

Conversions

Conversions Part 2

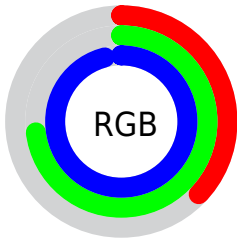
Format	Color
R _Y B	95, 151, 246
Decimal	6273526
CIE Lab	72.00, -9.07, -38.30
CIE LCh	72, 39.358, 256.670
Yxy	43.6590, 0.2197, 0.2486
Android (android.graphics.Color)	4284463606 (0xFF5FB9F6)
YUV	165.0440, 39.9113, -61.4286
Hunter-Lab	66.0750, -11.3837, -37.5438

Details

The CIELCh color **72, 39.358, 256.670** 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 **72, 53.407, 58.372**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 26.490, 213.926**, and **52, 39.223, 256.501** is the 20% darker color. If you saturate the color by 10%, you get **68, 44.571, 260.382**, and if you desaturate by 10%, it is **76, 33.798, 253.553**.

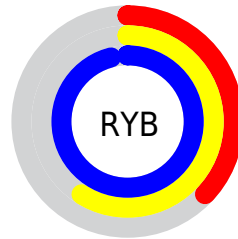
Distribution



Red (37%)

Green (73%)

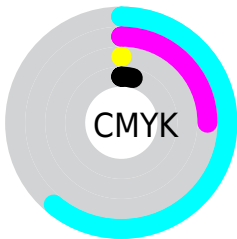
Blue (96%)



Red (37%)

Yellow (59%)

Blue (96%)

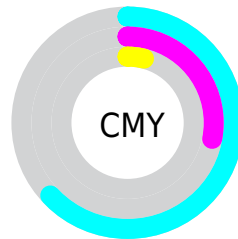


Cyan (61%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (63%)


Magenta (28%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.358, 256.670 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, 39.358, 256.670 by changing the saturation by 10% instead.


 72, 39.358,
256.670


 72, 39.358,
256.670


 100, 39.358,
256.670


 62, 39.358,
256.670


 92, 39.358,
256.670

 52, 39.358,
256.670

 42, 39.358,
256.670

 32, 39.358,
256.670

 22, 39.358,
256.670

 12, 39.358,
256.670

 2, 39.358, 256.670

0, 39.358, 256.670

72, 39.358,
256.670

72, 39.358,
256.670

68, 44.571,
260.382

76, 33.798,
253.553

65, 49.525,
264.695

80, 27.866,
250.976

62, 54.368,
269.526

84, 21.578,
248.862

59, 58.587,
273.840

88, 14.977,
247.137

92, 8.115, 245.742

96, 1.047, 244.997

100, 4.298,

106.253

100, 4.676,
109.812

Harmonies

Complementary

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



72, 39.358, 256.670



72, 53.407, 58.372

Rectangle

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



72, 39.358, 256.670



72, 39.358, 306.670



72, 39.358, 76.670



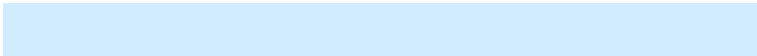
72, 39.358, 126.670

Sweetspot

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



72, 39.357, 256.670



92, 13.018, 246.625



87, 67.819, 151.846



48, 9.005, 247.059



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, 39.357, 256.670



70, 47.228, 261.486



52, 78.206, 296.434



49, 4.025, 245.506



46, 46.891, 272.899



13, 18.773, 264.944

Inverse Universe

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



63, 68.849, 345.043



60, 80.350, 347.192



90, 66.939, 99.242



48, 6.594, 339.497



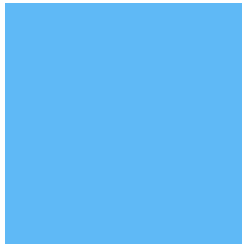
41, 68.865, 353.244



9, 31.436, 348.784

Previews

White Background



This preview shows how the CIELCh color 72, 39.358, 256.670 looks on a white background.

Color Contrast Check

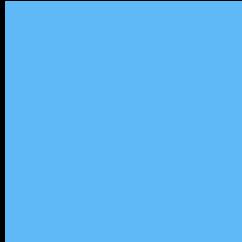
Large Text (above 18pt) WCAG AA × Fail

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, 39.358, 256.670 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

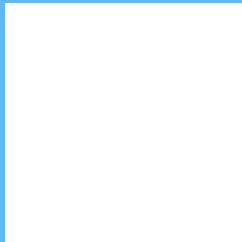
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 39.358, 256.670

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.358, 256.670.

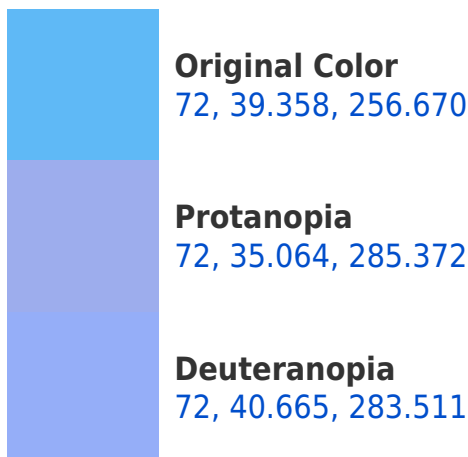


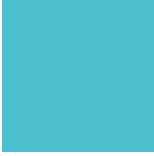
This preview shows how white text looks on a background with the CIELCh color 72, 39.358, 256.670.

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](#).

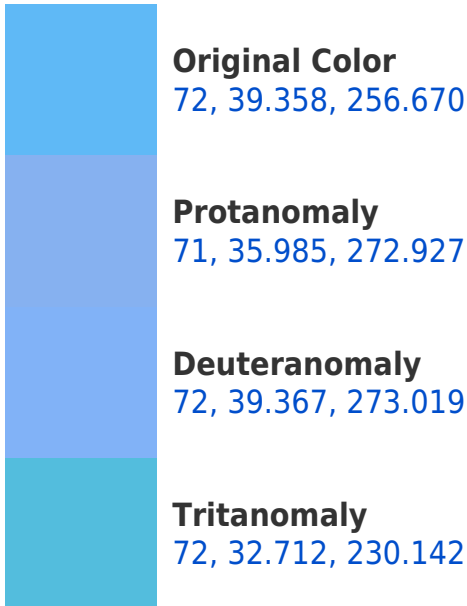
Dichromacy



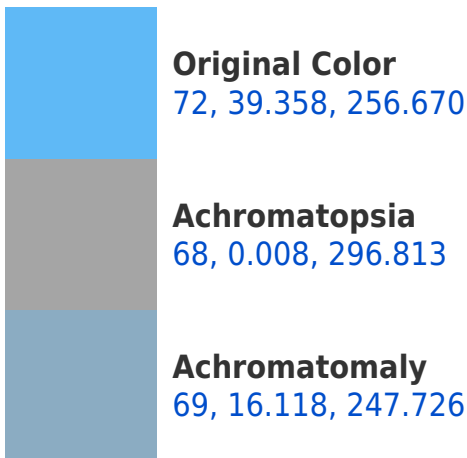


Tritanopia
72, 32.531, 211.851

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.358, 256.670 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(95, 185, 246)` looks like.

```
.text, #text, p{  
    color:rgb(95, 185, 246)  
}
```

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(95, 185, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 185, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.358, 256.670 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(95, 185, 246) }
```

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

```
.border{ border-color:rgb(95, 185, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 185, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 185, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 185, 246);  
box-shadow:4px 4px 4px 4px rgb(95, 185,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.358, 256.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 185, 246) }
```

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

```
.background{ background-color: rgb(95, 185,  
246) }
```

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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