

Converting Colors

CIELCh(70, 38.697, 257.906)

Have a look what the booklet for
CIELCh(70, 38.697, 257.906)
contains.

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Color

CIELCh(70, 38.613, 257.494)

Conversions

Conversions Part 1

Format	Color
Hex	5DB3EF
RGB	93, 179, 239
RGB Percent	36%, 70%, 94%
CMY	0.6357, 0.2984, 0.0631
CMYK	0.61, 0.25, 0.00, 0.06
HSL	205°, 82%, 65%
HSV	205°, 61%, 94%
XYZ	36.1689, 40.7494, 87.5423
YIQ	160.1260, -70.5160, 0.4280

Conversions

Conversions Part 2

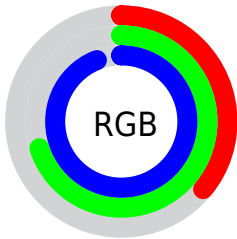
Format	Color
R _Y B	93, 147, 239
Decimal	6140911
CIE Lab	70.00, -8.36, -37.70
CIE LCh	70, 38.613, 257.494
Yxy	40.7494, 0.2199, 0.2478
Android (android.graphics.Color)	4284330991 (0xFF5DB3EF)
YUV	160.1260, 38.8849, -58.8695
Hunter-Lab	63.8353, -10.5741, -36.6243

Details

The CIELCh color **70, 38.613, 257.494** 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 **71, 51.803, 59.085**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 26.365, 221.462**, and **50, 38.871, 258.189** is the 20% darker color. If you saturate the color by 10%, you get **66, 43.828, 261.185**, and if you desaturate by 10%, it is **74, 33.076, 254.389**.

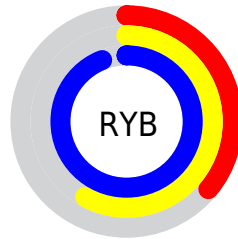
Distribution



Red (36%)

Green (70%)

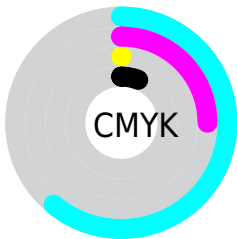
Blue (94%)



Red (36%)

Yellow (58%)

Blue (94%)

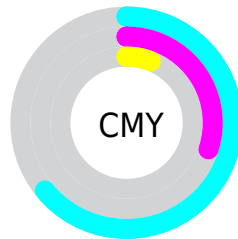


Cyan (61%)

Magenta (25%)

Yellow (0%)

Black (6%)



Cyan (64%)

Magenta (30%)

Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 38.613, 257.494 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 70, 38.613, 257.494 by changing the saturation by 10% instead.

 70, 38.613,
257.494

 70, 38.613,
257.494

 100, 38.613,
257.494

 60, 38.613,
257.494

 90, 38.613,
257.494

 50, 38.613,
257.494

 40, 38.613,
257.494

 30, 38.613,
257.494

 20, 38.613,
257.494

 10, 38.613,
257.494

 0, 38.613, 257.494

70, 38.613,
257.494

70, 38.613,
257.494

66, 43.828,
261.185

74, 33.076,
254.389

63, 48.808,
265.468

78, 27.193,
251.817

60, 53.691,
270.259

82, 20.980,
249.702

57, 58.118,
274.705

86, 14.475,
247.972

90, 7.728, 246.570

94, 0.791, 245.954

98, 5.141, 78.923

100, 8.150,
109.558

Harmonies

Complementary

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



70, 38.613, 257.494



71, 51.803, 59.085

Rectangle

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



70, 38.613, 257.494



70, 38.613, 307.494



70, 38.613, 77.494



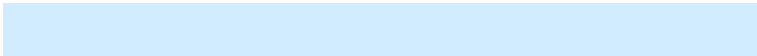
70, 38.613, 127.494

Sweetspot

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



70, 38.612, 257.494



92, 13.068, 247.511



85, 65.986, 151.915



48, 9.042, 247.951



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 38.612, 257.494



70, 47.183, 262.053



51, 75.954, 296.326



48, 3.970, 246.372



45, 47.046, 273.801



12, 18.349, 265.435

Inverse Universe

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



61, 66.758, 345.395



61, 79.442, 347.460



88, 65.128, 99.286



47, 6.449, 339.835



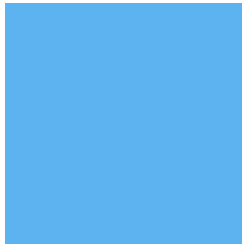
40, 67.969, 353.825



9, 30.500, 349.030

Previews

White Background



This preview shows how the CIELCh color 70, 38.613, 257.494 looks on a white background.

Color Contrast Check

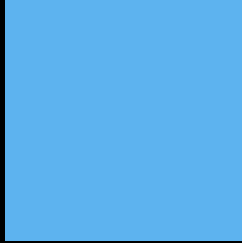
Large Text (above 18pt) WCAG AA × Fail

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 70, 38.613, 257.494 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

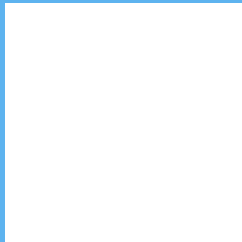
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 38.613, 257.494

Background



This preview shows how black text looks on a background with the CIELCh color 70, 38.613, 257.494.



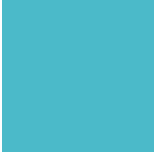
This preview shows how white text looks on a background with the CIELCh color 70, 38.613, 257.494.

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](#).

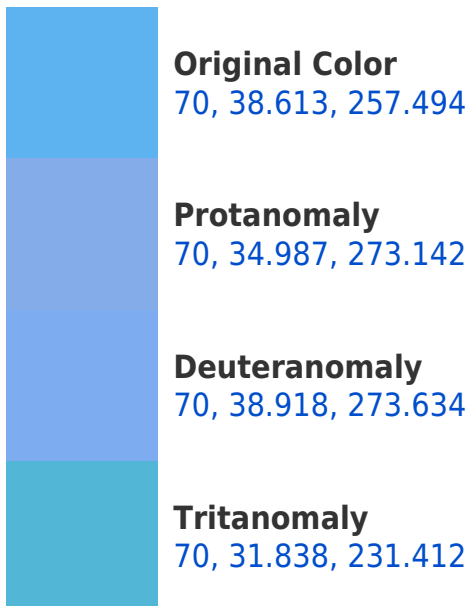
Dichromacy



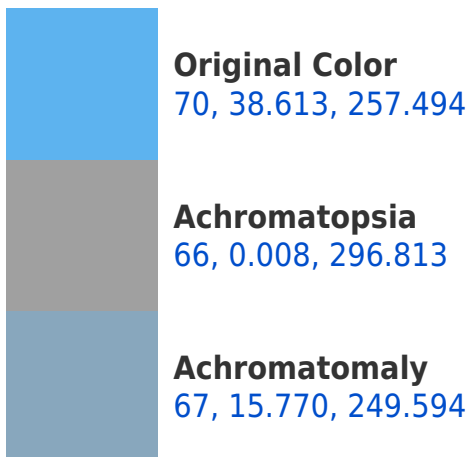


Tritanopia
70, 31.671, 212.366

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 38.613, 257.494 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(93, 179, 239)` looks like.

```
.text, #text, p{  
    color:rgb(93, 179, 239)  
}
```

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(93, 179, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 179, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 38.613, 257.494 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(93, 179, 239) }
```

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

```
.border{ border-color:rgb(93, 179, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 179, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 179, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 179, 239);  
box-shadow:4px 4px 4px 4px rgb(93, 179,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 38.613, 257.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 179, 239) }
```

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

```
.background{ background-color: rgb(93, 179,  
239) }
```

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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