

Converting Colors

CIELCh(70, 37.764, 255.629)

Have a look what the booklet for
CIELCh(70, 37.764, 255.629)
contains.

CIELCh(70, 37.922, 256.009)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 37.922, 256.009)

Conversions

Conversions Part 1

Format	Color
Hex	5CB3ED
RGB	92, 179, 237
RGB Percent	36%, 70%, 93%
CMY	0.6381, 0.2971, 0.0696
CMYK	0.61, 0.24, 0.00, 0.07
HSL	204°, 80%, 65%
HSV	204°, 61%, 93%
XYZ	35.9277, 40.7494, 86.2776
YIQ	159.5990, -70.4700, -0.4060

Conversions

Conversions Part 2

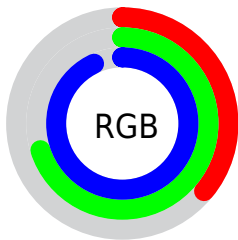
Format	Color
R _Y B	92, 146, 237
Decimal	6075373
CIE Lab	70.00, -9.17, -36.80
CIE LCh	70, 37.922, 256.009
Yxy	40.7494, 0.2205, 0.2501
Android (android.graphics.Color)	4284265453 (0xFF5CB3ED)
YUV	159.5990, 38.1587, -59.2843
Hunter-Lab	63.8353, -11.2484, -35.4497

Details

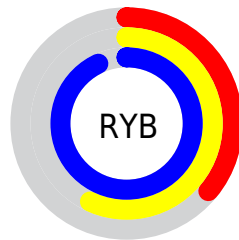
The CIELCh color **70, 37.922, 256.009** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **70, 51.568, 58.068**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 26.599, 221.230**, and **50, 38.064, 256.752** is the 20% darker color. If you saturate the color by 10%, you get **67, 42.948, 259.678**, and if you desaturate by 10%, it is **74, 32.546, 252.934**.

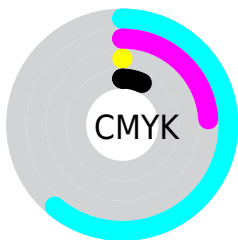
Distribution



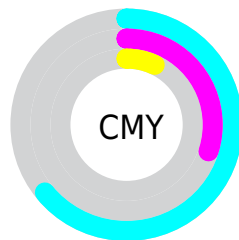
- Red (36%)
- Green (70%)
- Blue (93%)



- Red (36%)
- Yellow (57%)
- Blue (93%)



- Cyan (61%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (64%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 37.922, 256.009 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, 37.922, 256.009 by changing the saturation by 10% instead.

■ 70, 37.922,
256.009

■ 70, 37.922,
256.009

■ 100, 37.922,
256.009

■ 60, 37.922,
256.009

■ 90, 37.922,
256.009

■ 50, 37.922,
256.009

■ 40, 37.922,
256.009

■ 30, 37.922,
256.009

■ 20, 37.922,
256.009

■ 10, 37.922,
256.009

■ 0, 37.922, 256.009

70, 37.922,
256.009

70, 37.922,
256.009

67, 42.948,
259.678

74, 32.546,
252.934

63, 47.707,
263.952

77, 26.801,
250.394

60, 52.340,
268.756

81, 20.705,
248.313

58, 56.528,
273.238

85, 14.300,
246.616

89, 7.639, 245.247

93, 0.775, 244.679

97, 5.424, 71.813

100, 8.989,
109.496

Harmonies

Complementary

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



70, 37.922, 256.009



70, 51.568, 58.068

Rectangle

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



70, 37.922, 256.009



70, 37.922, 306.009



70, 37.922, 76.009



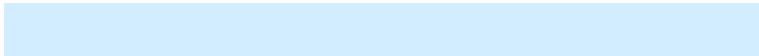
70, 37.922, 126.009

Sweetspot

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



70, 37.921, 256.009



92, 12.994, 246.167



85, 65.608, 151.921



48, 8.987, 246.599



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, 37.921, 256.009



70, 46.475, 260.559



51, 75.508, 296.317



48, 3.950, 245.055



45, 46.036, 272.346



12, 18.035, 263.935

Inverse Universe

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



61, 66.781, 344.762



61, 79.892, 346.767



88, 64.755, 99.289



47, 6.497, 339.323



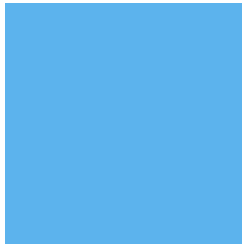
40, 68.283, 352.896



9, 30.656, 348.291

Previews

White Background



This preview shows how the CIELCh color 70, 37.922, 256.009 looks on a white background.

Color Contrast Check

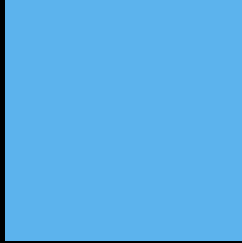
Large Text (above 18pt) WCAG AA × Fail

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, 37.922, 256.009 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

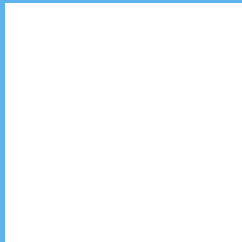
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 37.922, 256.009

Background



This preview shows how black text looks on a background with the CIELCh color 70, 37.922, 256.009.

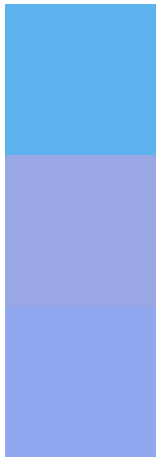


This preview shows how white text looks on a background with the CIELCh color 70, 37.922, 256.009.

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
70, 37.922, 256.009

Protanopia
70, 33.602, 285.401

Deuteranopia
70, 39.767, 284.071



Tritanopia
70, 31.671, 212.366

Trichromacy



Original Color
70, 37.922, 256.009

Protanomaly
70, 34.490, 272.721

Deuteranomaly
70, 38.349, 273.606

Tritanomaly
70, 31.791, 229.016

Monochromacy



Original Color
70, 37.922, 256.009

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 15.594, 247.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 37.922, 256.009 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(92, 179, 237)` looks like.

```
.text, #text, p{  
    color:rgb(92, 179, 237)  
}
```

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(92, 179, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 179, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 37.922, 256.009 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(92, 179, 237) }
```

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

```
.border{ border-color:rgb(92, 179, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 179, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 179, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 179, 237);  
box-shadow:4px 4px 4px 4px rgb(92, 179,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 37.922, 256.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 179, 237) }
```

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

```
.background{ background-color: rgb(92, 179,  
237) }
```

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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