

Converting Colors

CIELCh(70, 43.393, 257.680)

Have a look what the booklet for
CIELCh(70, 43.393, 257.680)
contains.

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Color

CIELCh(70, 43.169, 257.314)

Conversions

Conversions Part 1

Format	Color
Hex	49B4F7
RGB	73, 180, 247
RGB Percent	29%, 71%, 97%
CMY	0.7139, 0.2943, 0.0316
CMYK	0.70, 0.27, 0.00, 0.03
HSL	203°, 92%, 63%
HSV	203°, 70%, 97%
XYZ	35.8348, 40.7494, 93.9311
YIQ	155.6450, -85.2790, -1.8470

Conversions

Conversions Part 2

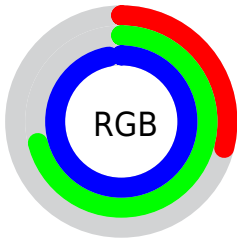
Format	Color
R _Y B	73, 139, 247
Decimal	4830455
CIE Lab	70.00, -9.48, -42.12
CIE LCh	70, 43.169, 257.314
Yxy	40.7494, 0.2102, 0.2390
Android (android.graphics.Color)	4283020535 (0xFF49B4F7)
YUV	155.6450, 45.0380, -72.4797
Hunter-Lab	63.8353, -11.5082, -42.5583

Details

The CIELCh color **70, 43.169, 257.314** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **69, 63.147, 55.885**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 29.686, 217.409**, and **51, 41.447, 261.882** is the 20% darker color. If you saturate the color by 10%, you get **67, 47.822, 261.551**, and if you desaturate by 10%, it is **73, 38.184, 253.705**.

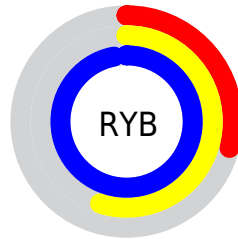
Distribution



Red (29%)

Green (71%)

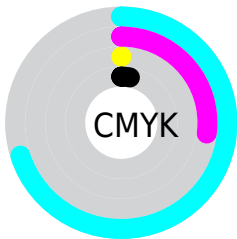
Blue (97%)



Red (29%)

Yellow (55%)

Blue (97%)

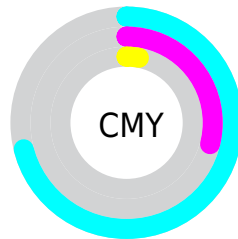


Cyan (70%)

Magenta (27%)

Yellow (0%)

Black (3%)



Cyan (71%)


Magenta (29%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 43.169, 257.314 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, 43.169, 257.314 by changing the saturation by 10% instead.


 70, 43.169,
257.314


 70, 43.169,
257.314


 100, 43.169,
257.314


 60, 43.169,
257.314


 90, 43.169,
257.314

 50, 43.169,
257.314

 40, 43.169,
257.314

 30, 43.169,
257.314

 20, 43.169,
257.314

 10, 43.169,
257.314

 0, 43.169, 257.314

70, 43.169,
257.314

70, 43.169,
257.314

67, 47.822,
261.551

73, 38.184,
253.705

64, 52.290,
266.355

77, 32.794,
250.699

61, 56.586,
271.224

81, 26.984,
248.231

85, 20.778,
246.221

89, 14.229,
244.591

93, 7.396, 243.286

97, 0.337, 243.696

100, 4.071,
109.855

Harmonies

Complementary

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



70, 43.169, 257.314



69, 63.147, 55.885

Rectangle

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



70, 43.169, 257.314



70, 43.169, 307.314



70, 43.169, 77.314



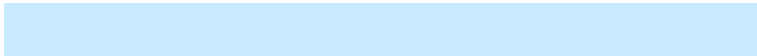
70, 43.169, 127.314

Sweetspot

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



70, 43.168, 257.315



91, 14.973, 244.675



87, 77.273, 149.598



47, 10.083, 245.097



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, 43.168, 257.315



67, 51.154, 263.738



47, 89.560, 298.118



49, 3.995, 243.176



47, 45.153, 270.254



13, 18.217, 262.236

Inverse Universe

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



60, 76.901, 345.346



58, 86.089, 348.227



89, 74.110, 97.338



48, 6.682, 338.614



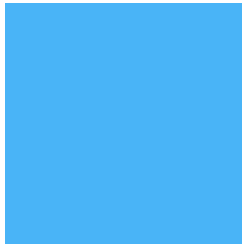
41, 69.457, 351.635



9, 31.728, 347.491

Previews

White Background



This preview shows how the CIE LCh color 70, 43.169, 257.314 looks on a white background.

Color Contrast Check

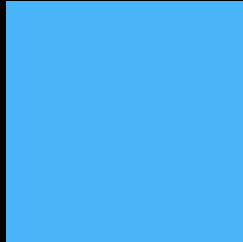
Large Text (above 18pt) WCAG AA × Fail

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, 43.169, 257.314 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

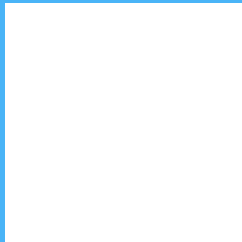
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 43.169, 257.314

Background



This preview shows how black text looks on a background with the CIELCh color 70, 43.169, 257.314.



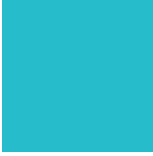
This preview shows how white text looks on a background with the CIELCh color 70, 43.169, 257.314.

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, 36.542, 209.963

Trichromacy



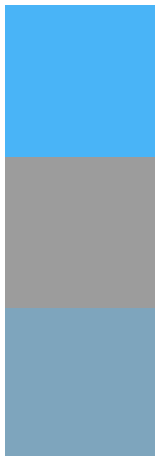
Original Color
70, 43.169, 257.314

Protanomaly
69, 39.704, 272.654

Deuteranomaly
70, 43.730, 272.551

Tritanomaly
70, 36.248, 228.612

Monochromacy



Original Color
70, 43.169, 257.314

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 18.163, 246.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 43.169, 257.314 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(73, 180, 247)` looks like.

```
.text, #text, p{  
    color:rgb(73, 180, 247)  
}
```

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(73, 180, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 180, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 43.169, 257.314 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(73, 180, 247) }
```

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

```
.border{ border-color:rgb(73, 180, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 180, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 180, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 180, 247);  
box-shadow:4px 4px 4px 4px rgb(73, 180,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 43.169, 257.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 180, 247) }
```

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

```
.background{ background-color: rgb(73, 180,  
247) }
```

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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