

Converting Colors

CIELCh(69, 47.543, 254.378)

Have a look what the booklet for
CIELCh(69, 47.543, 254.378)
contains.

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Color

CIELCh(69, 47.742, 254.790)

Conversions

Conversions Part 1

Format	Color
Hex	06B3FB
RGB	6, 179, 251
RGB Percent	2%, 70%, 98%
CMY	0.9747, 0.2972, 0.0148
CMYK	0.97, 0.29, 0.00, 0.01
HSL	198°, 97%, 51%
HSV	198°, 97%, 99%
XYZ	33.6899, 39.3444, 97.2710
YIQ	135.4810, -126.2200, -14.2840

Conversions

Conversions Part 2

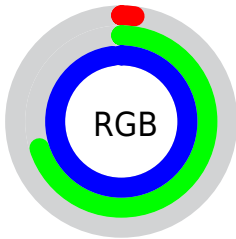
Format	Color
R _Y B	6, 107, 251
Decimal	439291
CIE Lab	69.00, -12.53, -46.07
CIE LCh	69, 47.742, 254.790
Yxy	39.3444, 0.1978, 0.2310
Android (android.graphics.Color)	4278629371 (0xFF06B3FB)
YUV	135.4810, 56.9509, -113.5548
Hunter-Lab	62.7251, -13.8958, -48.0364

Details

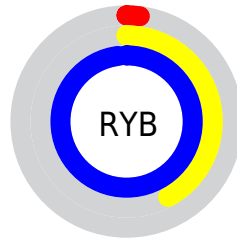
The CIELCh color **69, 47.742, 254.790** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **58, 92.628, 46.842**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 35.014, 214.950**, and **50, 43.630, 265.118** is the 20% darker color. If you saturate the color by 10%, you get **68, 48.403, 256.082**, and if you desaturate by 10%, it is **71, 45.187, 249.861**.

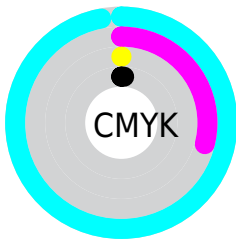
Distribution



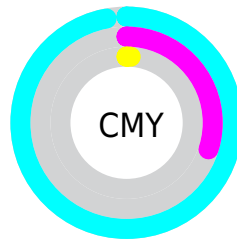
- Red (2%)
- Green (70%)
- Blue (98%)



- Red (2%)
- Yellow (42%)
- Blue (98%)



- Cyan (97%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)





- Cyan (97%)
- Magenta (30%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 47.742, 254.790 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 69, 47.742, 254.790 by changing the saturation by 10% instead.

 69, 47.742,
254.790


 69, 47.742,
254.790

 100, 47.742,
254.790


 59, 47.742,
254.790


 89, 47.742,
254.790

 49, 47.742,
254.790

 99, 47.742,
254.790

 39, 47.742,
254.790

 29, 47.742,
254.790

 19, 47.742,
254.790

 9, 47.742, 254.790

 0, 47.742, 254.790

■ 69, 47.742,
254.790

■ 69, 47.742,
254.790

■ 68, 48.403,
256.082

■ 71, 45.187,
249.861

■ 74, 42.283,
245.571

■ 77, 38.832,
241.986

■ 79, 34.729,
239.068

■ 82, 29.955,
236.732

■ 86, 24.546,
234.884

■ 89, 18.574,
233.436

■ 92, 12.124,

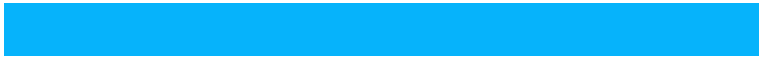
232.312

■ 96, 5.287, 231.485

Harmonies

Complementary

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



69, 47.742, 254.790



58, 92.628, 46.842

Rectangle

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



69, 47.742, 254.790



69, 47.742, 304.790



69, 47.742, 74.790



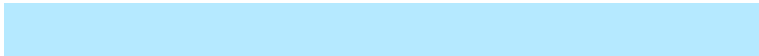
69, 47.742, 124.790

Sweetspot

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



69, 47.741, 254.791



90, 19.782, 233.643



87, 105.570, 140.726



46, 13.394, 234.241



0, 0.000, 0.000



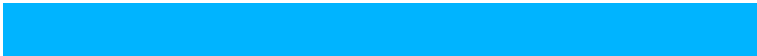
53, 0.007, 296.813

Same Dimension

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



69, 47.741, 254.791



69, 48.972, 256.126



38, 112.790, 301.746



50, 4.010, 231.627



52, 38.724, 255.112



16, 16.650, 247.796

Inverse Universe

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



56, 91.279, 344.367



57, 92.306, 344.888



82, 83.349, 86.489



49, 7.249, 334.671



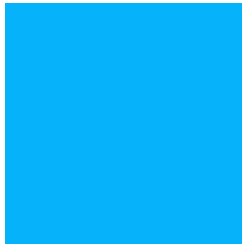
42, 73.863, 344.492



10, 34.258, 341.869

Previews

White Background



This preview shows how the CIE LCh color 69, 47.742, 254.790 looks on a white background.

Color Contrast Check

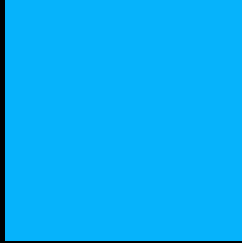
Large Text (above 18pt) WCAG AA × Fail

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 69, 47.742, 254.790 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

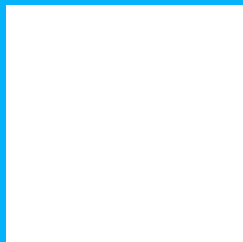
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 47.742, 254.790

Background



This preview shows how black text looks on a background with the CIELCh color 69, 47.742, 254.790.



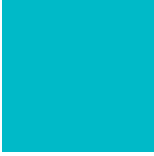
This preview shows how white text looks on a background with the CIELCh color 69, 47.742, 254.790.

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
69, 38.175, 208.421

Trichromacy



Original Color
69, 47.728, 254.816

Protanomaly
68, 43.596, 267.232

Deuteranomaly
68, 48.488, 268.587

Tritanomaly
69, 38.764, 227.219

Monochromacy



Original Color
69, 47.728, 254.816

Achromatopsia
57, 0.007, 296.813

Achromatomaly
60, 23.707, 236.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 47.742, 254.790 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(6, 179, 251)` looks like.

```
.text, #text, p{  
    color:rgb(6, 179, 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(6, 179, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 179, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 47.742, 254.790 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(6, 179, 251) }
```

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

```
.border{ border-color:rgb(6, 179, 251) }
```

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

Here you see how a box with a 4 pixel rgb(6, 179, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 179, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 179, 251);  
box-shadow:4px 4px 4px 4px rgb(6, 179,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 47.742, 254.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 179, 251) }
```

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

```
.background{ background-color: rgb(6, 179,  
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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