

Converting Colors

CIELCh(69, 48.394, 262.611)

Have a look what the booklet for
CIELCh(69, 48.394, 262.611)
contains.

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Color

CIELCh(69, 48.538, 262.845)

Conversions

Conversions Part 1

Format	Color
Hex	3DB0FF
RGB	61, 176, 255
RGB Percent	24%, 69%, 100%
CMY	0.7597, 0.3092, 0.0000
CMYK	0.76, 0.31, 0.00, 0.00
HSL	204°, 100%, 62%
HSV	204°, 76%, 100%
XYZ	35.5748, 39.3444, 100.4724
YIQ	150.6210, -93.8990, 0.1890

Conversions

Conversions Part 2

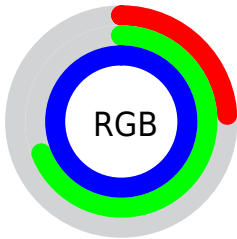
Format	Color
RYB	61, 133, 255
Decimal	4043007
CIELab	69.00, -6.05, -48.16
CIELCh	69, 48.538, 262.845
Yxy	39.3444, 0.2028, 0.2243
Android (android.graphics.Color)	4282233087 (0xFF3DB0FF)
YUV	150.6210, 51.4588, -78.5976
Hunter-Lab	62.7251, -8.5318, -51.0625

Details

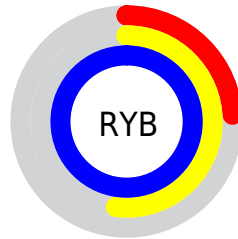
The CIELCh color **69, 48.538, 262.845** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **70, 70.187, 57.234**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 30.622, 222.212**, and **50, 46.380, 268.822** is the 20% darker color. If you saturate the color by 10%, you get **66, 53.558, 267.344**, and if you desaturate by 10%, it is **73, 43.176, 258.757**.

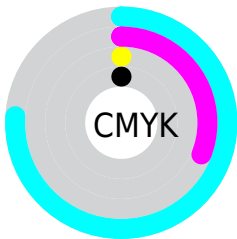
Distribution



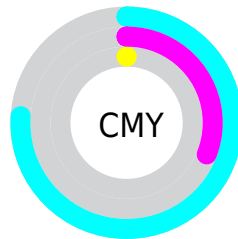
- Red (24%)
- Green (69%)
- Blue (100%)



- Red (24%)
- Yellow (52%)
- Blue (100%)



- Cyan (76%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.538, 262.845 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, 48.538, 262.845 by changing the saturation by 10% instead.

 69, 48.538,
262.845

 69, 48.538,
262.845

 100, 48.538,
262.845

 59, 48.538,
262.845

 89, 48.538,
262.845

 49, 48.538,
262.845

 99, 48.538,
262.845

 39, 48.538,
262.845

 29, 48.538,
262.845

 19, 48.538,
262.845

 9, 48.538, 262.845

 0, 48.538, 262.845

69, 48.538,
262.845

69, 48.538,
262.845

66, 53.558,
267.344

73, 43.176,
258.757

62, 58.636,
272.356

76, 37.574,
255.356

61, 60.745,
274.374

80, 31.603,
252.524

84, 25.259,
250.193

89, 18.576,
248.285

93, 11.604,
246.732

97, 4.398, 245.515

100, 0.012,
296.813

Harmonies

Complementary

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



69, 48.538, 262.845



70, 70.187, 57.234

Rectangle

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



69, 48.538, 262.845



69, 48.538, 312.845



69, 48.538, 82.845



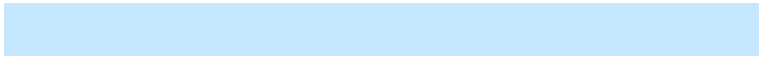
69, 48.538, 132.845

Sweetspot

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



69, 48.464, 262.764



90, 16.533, 247.789



89, 82.781, 149.251



46, 11.375, 248.396



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, 48.464, 262.764



64, 56.102, 269.826



44, 101.701, 300.230



51, 4.168, 245.899



47, 48.226, 273.431



14, 20.133, 266.269

Inverse Universe

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



60, 81.343, 347.789



57, 86.411, 351.420



92, 81.137, 97.834



50, 6.804, 339.652



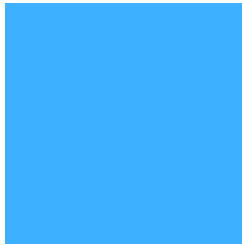
42, 70.147, 353.585



11, 33.040, 349.454

Previews

White Background



This preview shows how the CIE LCh color 69, 48.538, 262.845 looks on a white background.

Color Contrast Check

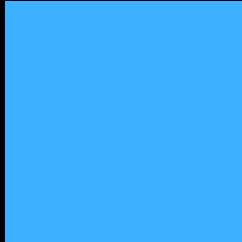
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 48.538, 262.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

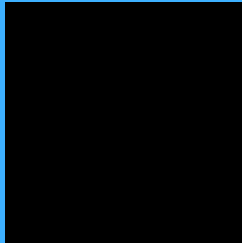
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

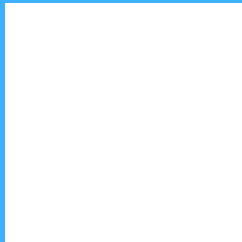
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 48.538, 262.845

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.538, 262.845.

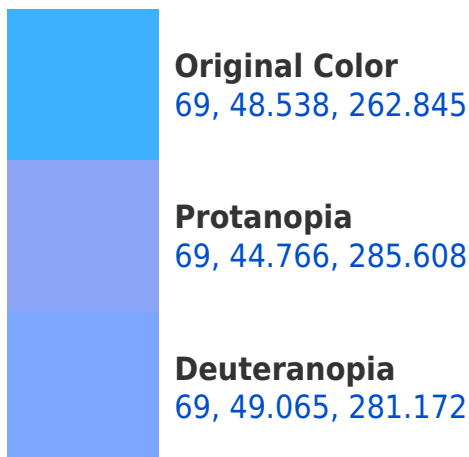


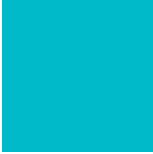
This preview shows how white text looks on a background with the CIELCh color 69, 48.538, 262.845.

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](#).

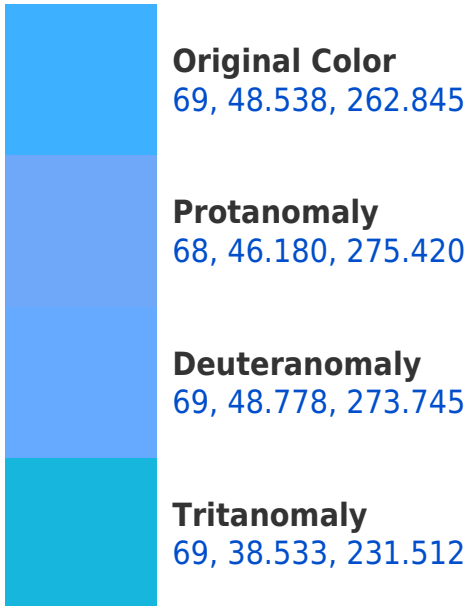
Dichromacy



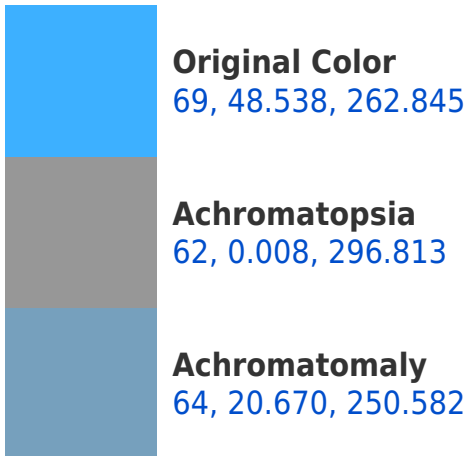


Tritanopia
69, 38.136, 209.306

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.538, 262.845 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(61, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 176, 255)  
}
```

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(61, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 176, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.538, 262.845 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(61, 176, 255) }
```

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

```
.border{ border-color:rgb(61, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 176,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.538, 262.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 176, 255) }
```

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

```
.background{ background-color: rgb(61, 176,  
255) }
```

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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