

Converting Colors

CIELCh(69, 47.950, 262.409)

Have a look what the booklet for
CIELCh(69, 47.950, 262.409)
contains.

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Color

CIELCh(69, 48.012, 262.621)

Conversions

Conversions Part 1

Format	Color
Hex	3FB0FE
RGB	63, 176, 254
RGB Percent	25%, 69%, 100%
CMY	0.7519, 0.3092, 0.0033
CMYK	0.75, 0.31, 0.00, 0.00
HSL	205°, 99%, 62%
HSV	205°, 75%, 100%
XYZ	35.5391, 39.3444, 99.6300
YIQ	151.1050, -92.3860, 0.3020

Conversions

Conversions Part 2

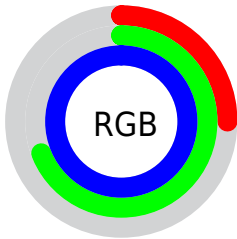
Format	Color
R _Y B	63, 134, 254
Decimal	4174078
CIE Lab	69.00, -6.17, -47.61
CIE LCh	69, 48.012, 262.621
Yxy	39.3444, 0.2036, 0.2255
Android (android.graphics.Color)	4282364158 (0xFF3FB0FE)
YUV	151.1050, 50.7272, -77.2681
Hunter-Lab	62.7251, -8.6335, -50.2663

Details

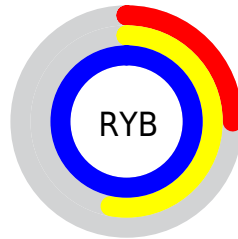
The CIELCh color **69, 48.012, 262.621** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **70, 69.090, 57.473**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 30.416, 222.401**, and **50, 45.905, 268.322** is the 20% darker color. If you saturate the color by 10%, you get **66, 53.137, 267.154**, and if you desaturate by 10%, it is **73, 42.684, 258.667**.

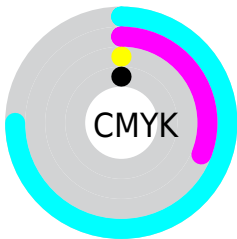
Distribution



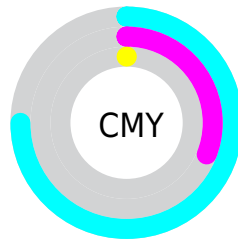
- Red (25%)
- Green (69%)
- Blue (100%)



- Red (25%)
- Yellow (53%)
- Blue (100%)



- Cyan (75%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




- Cyan (75%)
- Magenta (31%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.012, 262.621 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, 48.012, 262.621 by changing the saturation by 10% instead.

 69, 48.012,
262.621

 69, 48.012,
262.621

 100, 48.012,
262.621


 59, 48.012,
262.621


 89, 48.012,
262.621

 49, 48.012,
262.621

 99, 48.012,
262.621

 39, 48.012,
262.621

 29, 48.012,
262.621

 19, 48.012,
262.621

 9, 48.012, 262.621

 0, 48.012, 262.621

69, 48.012,
262.621

69, 48.012,
262.621

66, 53.137,
267.154

73, 42.684,
258.667

62, 58.234,
272.132

76, 37.043,
255.314

61, 60.797,
274.588

80, 31.035,
252.525

85, 24.662,
250.229

89, 17.957,
248.350

93, 10.972,
246.820

97, 3.761, 245.637

100, 0.409,
109.958

Harmonies

Complementary

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



69, 48.012, 262.621



70, 69.090, 57.473

Rectangle

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



69, 48.012, 262.621



69, 48.012, 312.621



69, 48.012, 82.621



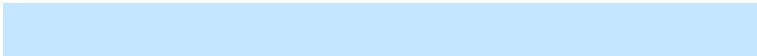
69, 48.012, 132.621

Sweetspot

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



69, 48.011, 262.622



90, 16.550, 248.001



89, 81.866, 149.419



46, 11.387, 248.610



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, 48.011, 262.622



64, 55.767, 269.554



45, 100.209, 300.004



51, 4.172, 246.104



46, 48.391, 273.656



14, 20.190, 266.501

Inverse Universe

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



60, 80.587, 347.724



57, 86.199, 351.269



92, 80.321, 97.913



50, 6.796, 339.732



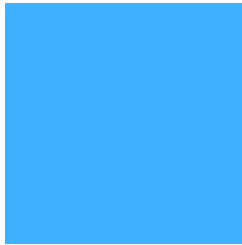
42, 70.098, 353.731



11, 33.014, 349.574

Previews

White Background



This preview shows how the CIE LCh color 69, 48.012, 262.621 looks on a white background.

Color Contrast Check

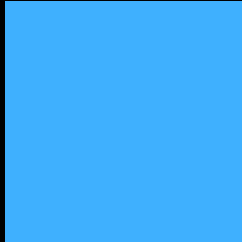
Large Text (above 18pt) WCAG AA × Fail

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, 48.012, 262.621 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

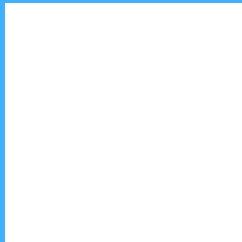
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 48.012, 262.621

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.012, 262.621.



This preview shows how white text looks on a background with the CIELCh color 69, 48.012, 262.621.

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



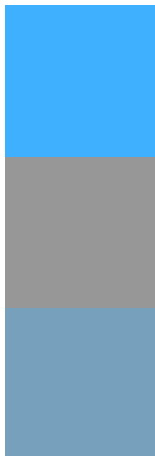
Original Color
69, 48.012, 262.621

Protanomaly
68, 45.563, 275.624

Deuteranomaly
69, 48.721, 273.965

Tritanomaly
69, 38.322, 230.710

Monochromacy



Original Color
69, 48.012, 262.621

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 20.492, 251.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.012, 262.621 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(63, 176, 254)` looks like.

```
.text, #text, p{  
    color:rgb(63, 176, 254)  
}
```

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(63, 176, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 176, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.012, 262.621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

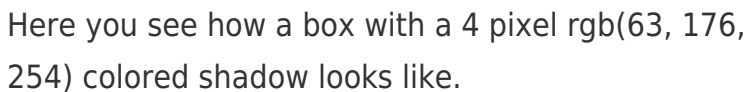
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 176, 254) }
```

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

```
.border{ border-color:rgb(63, 176, 254) }
```

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

A rectangular box with a 4px blue shadow. The box is white with a thin border and a shadow that is 4 pixels wide and 4 pixels high, colored in the same blue as the border color mentioned in the text. The shadow is positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `rgb(63, 176, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 176, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 176, 254);  
box-shadow:4px 4px 4px 4px rgb(63, 176,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.012, 262.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 176, 254) }
```

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

```
.background{ background-color: rgb(63, 176,  
254) }
```

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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