

Converting Colors

CIELCh(69, 39.595, 248.512)

Have a look what the booklet for
CIELCh(69, 39.595, 248.512)
contains.

CIELCh(69, 39.548, 248.413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 39.548, 248.413)

Conversions

Conversions Part 1

Format	Color
Hex	3FB3EA
RGB	63, 179, 234
RGB Percent	25%, 70%, 92%
CMY	0.7517, 0.2972, 0.0815
CMYK	0.73, 0.23, 0.00, 0.08
HSL	199°, 80%, 58%
HSV	199°, 73%, 92%
XYZ	33.1149, 39.3444, 83.8573
YIQ	150.5860, -86.7910, -7.4870

Conversions

Conversions Part 2

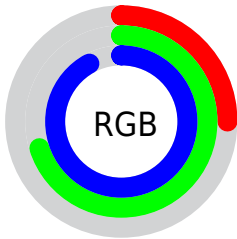
Format	Color
RYB	63, 132, 234
Decimal	4174826
CIELab	69.00, -14.55, -36.77
CIElCh	69, 39.548, 248.413
Yxy	39.3444, 0.2118, 0.2517
Android (android.graphics.Color)	4282364906 (0xFF3FB3EA)
YUV	150.5860, 41.1231, -76.8129
Hunter-Lab	62.7251, -15.5322, -35.3574

Details

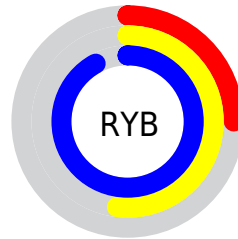
The CIELCh color **69, 39.548, 248.413** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **62, 64.375, 50.474**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 31.485, 217.187**, and **50, 36.894, 254.485** is the 20% darker color. If you saturate the color by 10%, you get **66, 42.912, 252.552**, and if you desaturate by 10%, it is **72, 35.696, 244.956**.

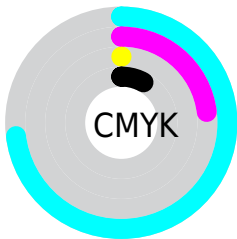
Distribution



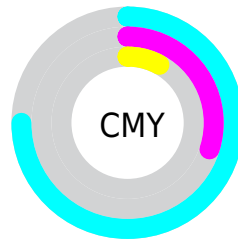
- Red (25%)
- Green (70%)
- Blue (92%)



- Red (25%)
- Yellow (52%)
- Blue (92%)



- Cyan (73%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)





- Cyan (75%)
- Magenta (30%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 39.548, 248.413 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, 39.548, 248.413 by changing the saturation by 10% instead.

 69, 39.548,
248.413

 69, 39.548,
248.413


 100, 39.548,
248.413


 59, 39.548,
248.413


 89, 39.548,
248.413

 49, 39.548,
248.413

 99, 39.548,
248.413

 39, 39.548,
248.413

 29, 39.548,
248.413

 19, 39.548,
248.413

 9, 39.548, 248.413

 0, 39.548, 248.413

69, 39.548,
248.413

69, 39.548,
248.413

66, 42.912,
252.552

72, 35.696,
244.956

64, 45.940,
257.344

75, 31.290,
242.133

62, 48.022,
260.939

78, 26.327,
239.860

81, 20.848,
238.046

85, 14.919,
236.609

88, 8.615, 235.486

92, 2.011, 234.782

95, 4.827, 53.660

Harmonies

Complementary

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



69, 39.548, 248.413



62, 64.375, 50.474

Rectangle

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



69, 39.548, 248.413



69, 39.548, 298.413



69, 39.548, 68.413



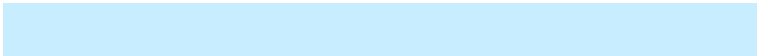
69, 39.548, 118.413

Sweetspot

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



69, 39.547, 248.413



92, 15.344, 236.500



83, 80.453, 146.570



48, 10.240, 236.851



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, 39.547, 248.413



70, 47.551, 255.086



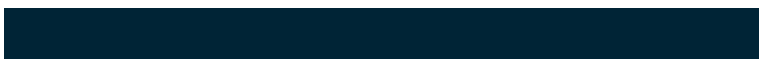
46, 81.984, 295.920



47, 3.807, 235.164



49, 39.233, 260.005



13, 15.615, 251.199

Inverse Universe

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



56, 78.134, 341.964



58, 89.965, 344.474



82, 69.614, 92.668



46, 6.748, 335.814



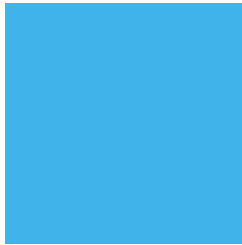
40, 70.438, 346.495



8, 31.081, 343.042

Previews

White Background



This preview shows how the CIELCh color 69, 39.548, 248.413 looks on a white background.

Color Contrast Check

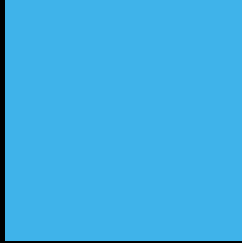
Large Text (above 18pt) WCAG AA × Fail

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, 39.548, 248.413 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

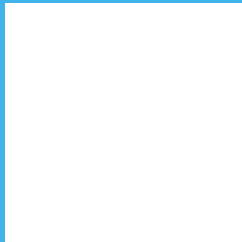
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 39.548, 248.413

Background



This preview shows how black text looks on a background with the CIELCh color 69, 39.548, 248.413.

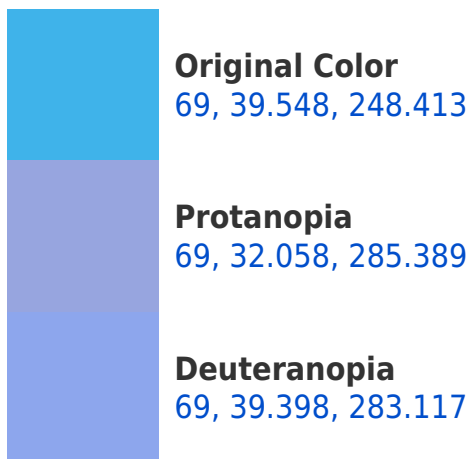


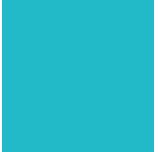
This preview shows how white text looks on a background with the CIELCh color 69, 39.548, 248.413.

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, 36.442, 210.021

Trichromacy



Original Color
69, 39.548, 248.413



Protanomaly
68, 33.975, 267.309



Deuteranomaly
69, 38.355, 268.700



Tritanomaly
69, 35.821, 223.898

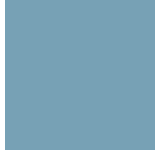
Monochromacy



Original Color
69, 39.548, 248.413



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 17.534, 238.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 39.548, 248.413 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, 179, 234)` looks like.

```
.text, #text, p{  
    color:rgb(63, 179, 234)  
}
```

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, 179, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 179, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 39.548, 248.413 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, 179, 234) }
```

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

```
.border{ border-color:rgb(63, 179, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 179, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 179, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 179, 234);  
box-shadow:4px 4px 4px 4px rgb(63, 179,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 39.548, 248.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 179, 234) }
```

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

```
.background{ background-color: rgb(63, 179,  
234) }
```

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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