

Converting Colors

CIELCh(69, 30.907, 250.896)

Have a look what the booklet for
CIELCh(69, 30.907, 250.896)
contains.

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Color

CIELCh(69, 31.109, 251.576)

Conversions

Conversions Part 1

Format	Color
Hex	69B0DD
RGB	105, 176, 221
RGB Percent	41%, 69%, 87%
CMY	0.5876, 0.3093, 0.1328
CMYK	0.52, 0.20, 0.00, 0.13
HSL	203°, 63%, 64%
HSV	203°, 52%, 87%
XYZ	34.4652, 39.3444, 74.2845
YIQ	159.9010, -56.7610, -1.0570

Conversions

Conversions Part 2

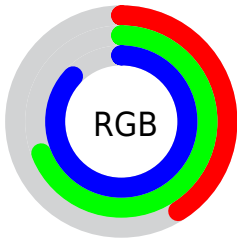
Format	Color
RYB	105, 149, 221
Decimal	6926557
CIELab	69.00, -9.83, -29.51
CIELCh	69, 31.109, 251.576
Yxy	39.3444, 0.2327, 0.2657
Android (android.graphics.Color)	4285116637 (0xFF69B0DD)
YUV	159.9010, 30.1218, -48.1482
Hunter-Lab	62.7251, -11.6897, -26.3087

Details

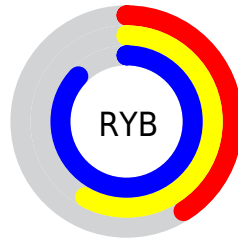
The CIELCh color **69, 31.109, 251.576** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **68, 40.767, 57.617**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 24.048, 228.381**, and **49, 31.119, 251.155** is the 20% darker color. If you saturate the color by 10%, you get **66, 36.007, 254.666**, and if you desaturate by 10%, it is **72, 25.833, 249.028**.

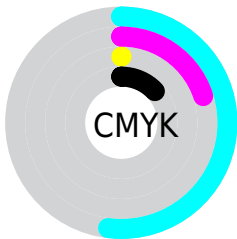
Distribution



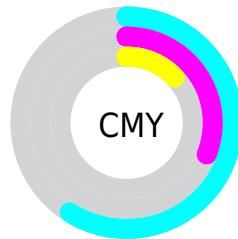
- Red (41%)
- Green (69%)
- Blue (87%)



- Red (41%)
- Yellow (58%)
- Blue (87%)



- Cyan (52%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)





- Cyan (59%)
- Magenta (31%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 31.109, 251.576 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, 31.109, 251.576 by changing the saturation by 10% instead.


 69, 31.109,
251.576


 69, 31.109,
251.576


 100, 31.109,
251.576


 59, 31.109,
251.576


 89, 31.109,
251.576

 49, 31.109,
251.576

 99, 31.109,
251.576

 39, 31.109,
251.576

 29, 31.109,
251.576

 19, 31.109,
251.576

 9, 31.109, 251.576

 0, 31.109, 251.576

69, 31.109,
251.576

69, 31.109,
251.576

66, 36.007,
254.666

72, 25.833,
249.028

63, 40.551,
258.359

76, 20.199,
246.945

60, 44.821,
262.665

80, 14.248,
245.251

57, 48.954,
267.507

83, 8.034, 243.885

87, 1.608, 242.986

55, 52.123,
271.305

91, 4.979, 61.644

95, 10.358, 67.648

97, 12.605, 91.896

99, 16.322,
106.827

Harmonies

Complementary

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



69, 31.109, 251.576



68, 40.767, 57.617

Rectangle

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



69, 31.109, 251.576



69, 31.109, 301.576



69, 31.109, 71.576



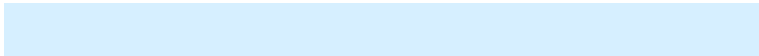
69, 31.109, 121.576

Sweetspot

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



69, 31.108, 251.575



93, 11.521, 244.351



80, 54.958, 152.543



49, 7.752, 244.633



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, 31.108, 251.575



75, 40.647, 255.025



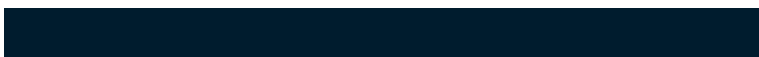
53, 58.991, 293.462



44, 3.654, 243.535



43, 42.922, 270.397



9, 15.217, 259.709

Inverse Universe

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



60, 55.966, 342.894



64, 72.916, 344.369



83, 52.637, 99.267



43, 6.091, 338.743



38, 65.864, 351.719



6, 26.520, 346.648

Previews

White Background



This preview shows how the CIE LCh color 69, 31.109, 251.576 looks on a white background.

Color Contrast Check

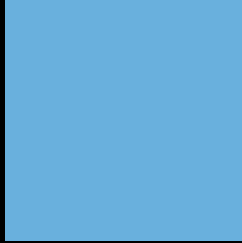
Large Text (above 18pt) WCAG AA × Fail

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, 31.109, 251.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

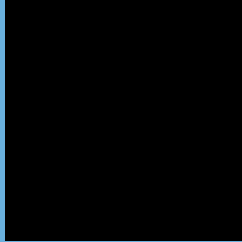
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

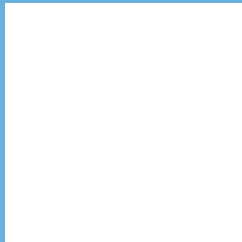
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 31.109, 251.576

Background



This preview shows how black text looks on a background with the CIELCh color 69, 31.109, 251.576.

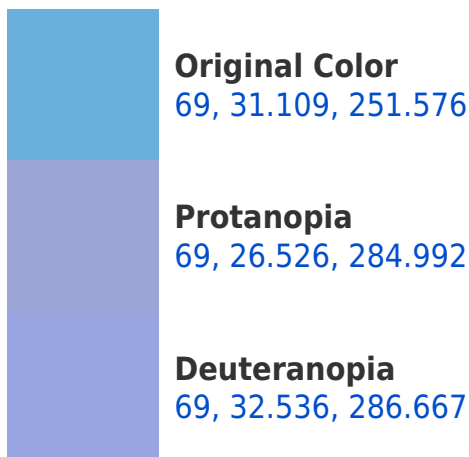


This preview shows how white text looks on a background with the CIELCh color 69, 31.109, 251.576.

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](#).

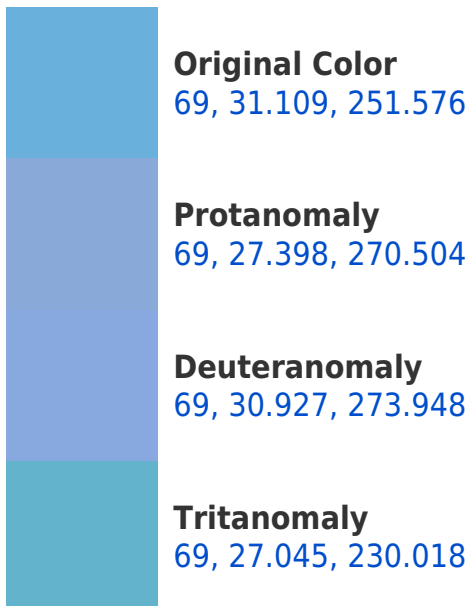
Dichromacy



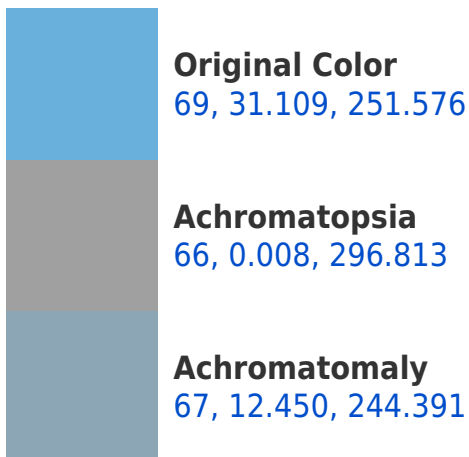


Tritanopia
69, 26.551, 214.513

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 31.109, 251.576 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(105, 176, 221)` looks like.

```
.text, #text, p{  
    color:rgb(105, 176, 221)  
}
```

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(105, 176, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 176, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 31.109, 251.576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

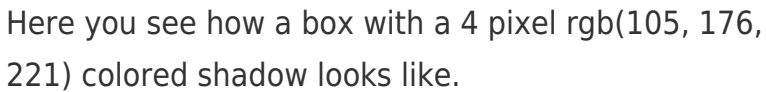
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 176, 221) }
```

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

```
.border{ border-color:rgb(105, 176, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 176, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 176, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 176, 221); box-shadow:4px 4px 4px 4px rgb(105, 176, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 31.109, 251.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 176, 221) }
```

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

```
.background{ background-color: rgb(105,  
176, 221) }
```

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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