

Converting Colors

CIELCh(69, 30.659, 250.565)

Have a look what the booklet for
CIELCh(69, 30.659, 250.565)
contains.

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Color

CIELCh(69, 30.741, 250.768)

Conversions

Conversions Part 1

Format	Color
Hex	69B0DC
RGB	105, 176, 220
RGB Percent	41%, 69%, 86%
CMY	0.5872, 0.3089, 0.1363
CMYK	0.52, 0.20, 0.00, 0.14
HSL	203°, 62%, 64%
HSV	203°, 52%, 86%
XYZ	34.3800, 39.3444, 73.6672
YIQ	159.7870, -56.4400, -1.3680

Conversions

Conversions Part 2

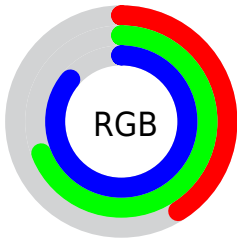
Format	Color
RYB	105, 149, 220
Decimal	6926556
CIELab	69.00, -10.13, -29.03
CIELCh	69, 30.741, 250.768
Yxy	39.3444, 0.2333, 0.2669
Android (android.graphics.Color)	4285116636 (0xFF69B0DC)
YUV	159.7870, 29.6850, -48.0482
Hunter-Lab	62.7251, -11.9321, -25.7253

Details

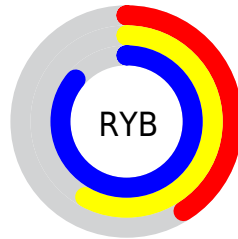
The CIELCh color **69, 30.741, 250.768** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **68, 40.435, 57.110**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 24.048, 228.381**, and **49, 30.667, 250.432** is the 20% darker color. If you saturate the color by 10%, you get **66, 35.574, 253.825**, and if you desaturate by 10%, it is **72, 25.519, 248.252**.

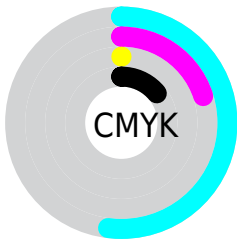
Distribution



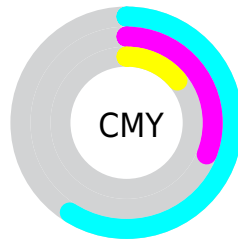
- Red (41%)
- Green (69%)
- Blue (86%)



- Red (41%)
- Yellow (58%)
- Blue (86%)



- Cyan (52%)
- Magenta (20%)
- Yellow (0%)
- Black (14%)





- Cyan (59%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 30.741, 250.768 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, 30.741, 250.768 by changing the saturation by 10% instead.

 69, 30.741,
250.768

 69, 30.741,
250.768


 100, 30.741,
250.768


 59, 30.741,
250.768


 89, 30.741,
250.768

 49, 30.741,
250.768

 99, 30.741,
250.768

 39, 30.741,
250.768

 29, 30.741,
250.768

 19, 30.741,
250.768

 9, 30.741, 250.768

 0, 30.741, 250.768

69, 30.741,
250.768

69, 30.741,
250.768

66, 35.574,
253.825

72, 25.519,
248.252

63, 40.040,
257.487

76, 19.930,
246.199

60, 44.214,
261.768

80, 14.019,
244.533

57, 48.233,
266.600

83, 7.838, 243.193

55, 51.404,
270.529

87, 1.442, 242.350

91, 5.118, 60.994

94, 10.585, 66.113

96, 12.641, 89.988

98, 16.175,
105.179

Harmonies

Complementary

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



69, 30.741, 250.768



68, 40.435, 57.110

Rectangle

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



69, 30.741, 250.768



69, 30.741, 300.768



69, 30.741, 70.768



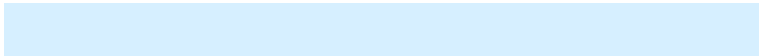
69, 30.741, 120.768

Sweetspot

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



69, 30.740, 250.767



93, 11.495, 243.682



80, 55.302, 151.877



49, 7.734, 243.959



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, 30.740, 250.767



75, 40.411, 254.269



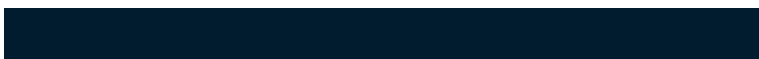
54, 57.316, 292.651



44, 3.647, 242.877



44, 42.477, 269.632



9, 15.105, 258.935

Inverse Universe

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



60, 55.734, 342.579



64, 73.137, 344.064



82, 51.509, 98.329



43, 6.114, 338.499



38, 66.030, 351.277



6, 26.602, 346.302

Previews

White Background



This preview shows how the CIE LCh color 69, 30.741, 250.768 looks on a white background.

Color Contrast Check

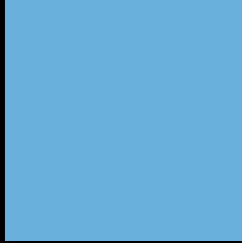
Large Text (above 18pt) WCAG AA × Fail

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, 30.741, 250.768 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

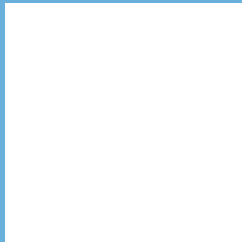
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 30.741, 250.768

Background



This preview shows how black text looks on a background with the CIELCh color 69, 30.741, 250.768.

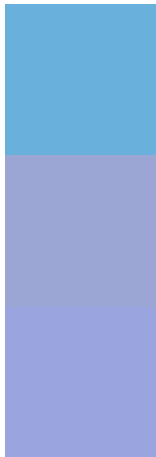


This preview shows how white text looks on a background with the CIELCh color 69, 30.741, 250.768.

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



Original Color
69, 30.741, 250.768

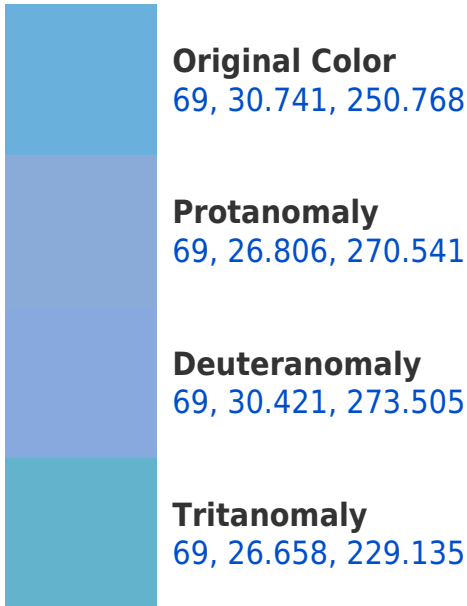
Protanopia
69, 25.951, 285.459

Deuteranopia
69, 31.968, 287.034

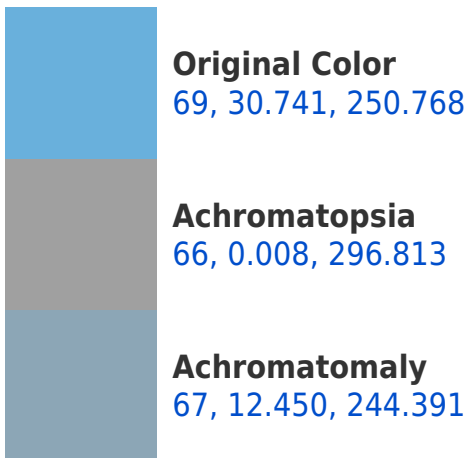


Tritanopia
69, 26.334, 214.672

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 30.741, 250.768 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(105, 176, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 176, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 30.741, 250.768 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, 220) }
```

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

```
.border{ border-color:rgb(105, 176, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 176, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 176, 220); box-shadow:4px 4px 4px 4px rgb(105, 176, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 30.741, 250.768 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, 220) }
```

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

```
.background{ background-color: rgb(105,  
176, 220) }
```

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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