

Converting Colors

CIELCh(69, 28.949, 243.588)

Have a look what the booklet for
CIELCh(69, 28.949, 243.588)
contains.

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Color

CIELCh(69, 29.125, 244.446)

Conversions

Conversions Part 1

Format	Color
Hex	67B1D7
RGB	103, 177, 215
RGB Percent	40%, 69%, 84%
CMY	0.5952, 0.3050, 0.1560
CMYK	0.52, 0.18, 0.00, 0.16
HSL	200°, 58%, 62%
HSV	200°, 52%, 84%
XYZ	33.6791, 39.3444, 70.2603
YIQ	159.2060, -56.3020, -3.8700

Conversions

Conversions Part 2

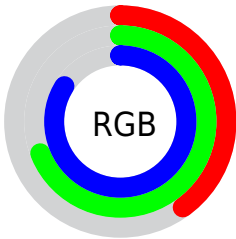
Format	Color
RYB	103, 148, 215
Decimal	6795735
CIELab	69.00, -12.56, -26.28
CIELCh	69, 29.125, 244.446
Yxy	39.3444, 0.2351, 0.2746
Android (android.graphics.Color)	4284985815 (0xFF67B1D7)
YUV	159.2060, 27.5064, -49.2927
Hunter-Lab	62.7251, -13.9266, -22.5050

Details

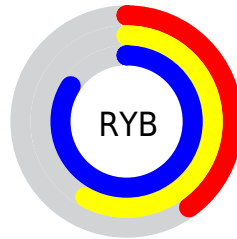
The CIELCh color **69, 29.125, 244.446** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **65, 39.835, 52.826**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 24.794, 225.921**, and **49, 29.134, 245.012** is the 20% darker color. If you saturate the color by 10%, you get **66, 33.451, 247.288**, and if you desaturate by 10%, it is **72, 24.320, 242.141**.

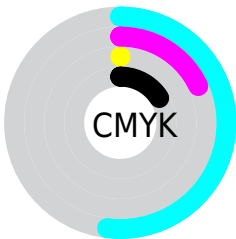
Distribution



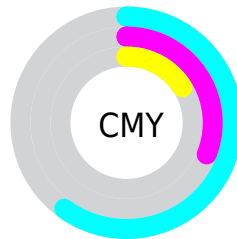
- Red (40%)
- Green (69%)
- Blue (84%)



- Red (40%)
- Yellow (58%)
- Blue (84%)



- Cyan (52%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (31%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 29.125, 244.446 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, 29.125, 244.446 by changing the saturation by 10% instead.

 69, 29.125,
244.446

 69, 29.125,
244.446

 100, 29.125,
244.446

 59, 29.125,
244.446

 89, 29.125,
244.446

 49, 29.125,
244.446


 99, 29.125,
244.446

 39, 29.125,
244.446

 29, 29.125,
244.446

 19, 29.125,
244.446

 9, 29.125, 244.446

 0, 29.125, 244.446

69, 29.125,
244.446

69, 29.125,
244.446

66, 33.451,
247.288

72, 24.320,
242.141

63, 37.305,
250.750

75, 19.075,
240.290

61, 40.745,
254.873

79, 13.446,
238.811

58, 43.903,
259.627

82, 7.497, 237.645

85, 1.293, 237.011

56, 46.381,
263.663

89, 5.109, 55.740

92, 11.658, 55.168

94, 12.703, 74.888

96, 14.826, 91.528

Harmonies

Complementary

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



69, 29.125, 244.446



65, 39.835, 52.826

Rectangle

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



69, 29.125, 244.446



69, 29.125, 294.446



69, 29.125, 64.446



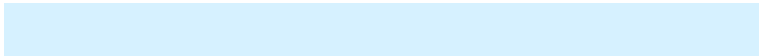
69, 29.125, 114.446

Sweetspot

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



69, 29.124, 244.445



94, 11.345, 238.089



78, 55.601, 150.561



49, 7.627, 238.333



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, 29.124, 244.445



77, 38.279, 247.466



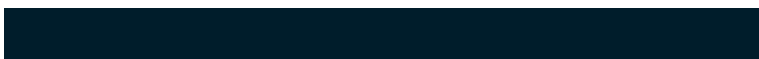
54, 53.752, 291.000



43, 3.539, 237.392



45, 38.666, 262.767



9, 13.726, 251.483

Inverse Universe

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



59, 56.030, 340.305



65, 74.152, 341.520



79, 49.007, 96.333



42, 6.184, 336.556



38, 66.842, 347.737



5, 25.763, 343.428

Previews

White Background



This preview shows how the CIELCh color 69, 29.125, 244.446 looks on a white background.

Color Contrast Check

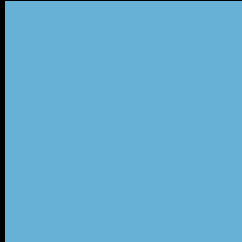
Large Text (above 18pt) WCAG AA × Fail

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, 29.125, 244.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

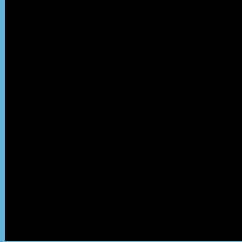
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 29.125, 244.446

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.125, 244.446.

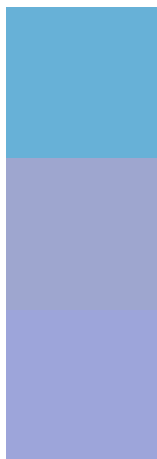


This preview shows how white text looks on a background with the CIELCh color 69, 29.125, 244.446.

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, 29.125, 244.446

Protanopia

69, 22.634, 285.610

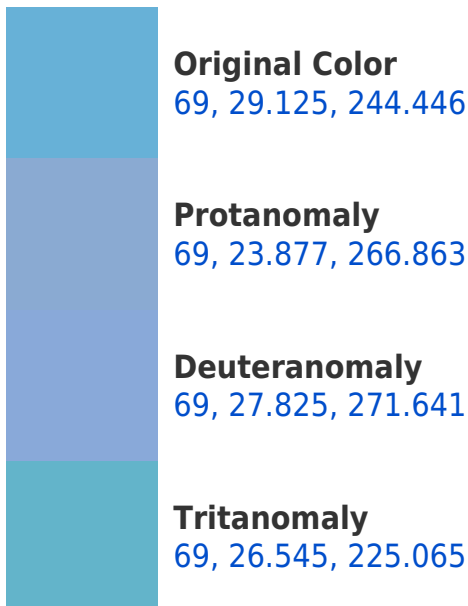
Deuteranopia

69, 29.184, 287.952

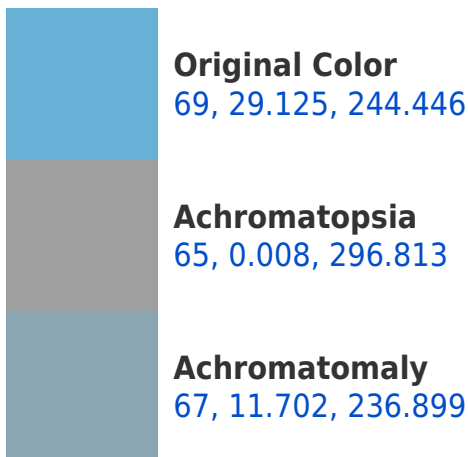


Tritanopia
69, 26.551, 214.513

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.125, 244.446 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(103, 177, 215)` looks like.

```
.text, #text, p{  
    color:rgb(103, 177, 215)  
}
```

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(103, 177, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 177, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.125, 244.446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

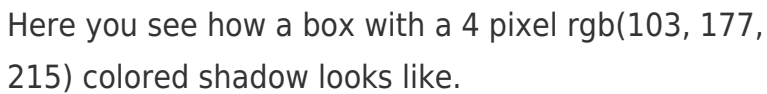
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 177, 215) }
```

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

```
.border{ border-color:rgb(103, 177, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 177, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 177, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 177, 215);  
box-shadow:4px 4px 4px 4px rgb(103, 177,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.125, 244.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 177, 215) }
```

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

```
.background{ background-color: rgb(103,  
177, 215) }
```

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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