

Converting Colors

CIELCh(69, 33.065, 245.182)

Have a look what the booklet for
CIELCh(69, 33.065, 245.182)
contains.

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Color

CIELCh(69, 33.175, 245.359)

Conversions

Conversions Part 1

Format	Color
Hex	59B2DE
RGB	89, 178, 222
RGB Percent	35%, 70%, 87%
CMY	0.6500, 0.3011, 0.1286
CMYK	0.60, 0.20, 0.00, 0.13
HSL	200°, 67%, 61%
HSV	200°, 60%, 87%
XYZ	33.3182, 39.3444, 75.0969
YIQ	156.4050, -67.1680, -5.1840

Conversions

Conversions Part 2

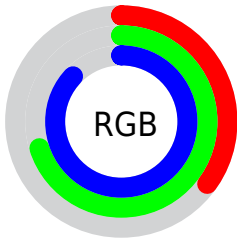
Format	Color
R_{YB}	89, 142, 222
Decimal	5878494
CIE _{Lab}	69.00, -13.83, -30.15
CIE _{LCh}	69, 33.175, 245.359
Yxy	39.3444, 0.2255, 0.2663
Android (android.graphics.Color)	4284068574 (0xFF59B2DE)
YUV	156.4050, 32.3383, -59.1142
Hunter-Lab	62.7251, -14.9536, -27.0767

Details

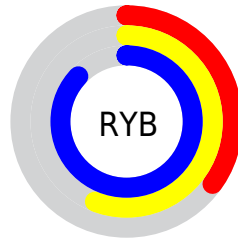
The CIELCh color **69, 33.175, 245.359** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **64, 48.439, 51.682**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 27.423, 221.679**, and **49, 33.310, 246.168** is the 20% darker color. If you saturate the color by 10%, you get **66, 37.133, 248.645**, and if you desaturate by 10%, it is **72, 28.701, 242.678**.

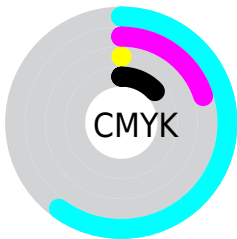
Distribution



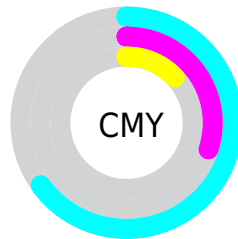
- Red (35%)
- Green (70%)
- Blue (87%)



- Red (35%)
- Yellow (56%)
- Blue (87%)



- Cyan (60%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)





- Cyan (65%)
- Magenta (30%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 33.175, 245.359 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, 33.175, 245.359 by changing the saturation by 10% instead.


 69, 33.175,
245.359


 69, 33.175,
245.359


 100, 33.175,
245.359


 59, 33.175,
245.359


 89, 33.175,
245.359


 49, 33.175,
245.359

 99, 33.175,
245.359

 39, 33.175,
245.359

 29, 33.175,
245.359

 19, 33.175,
245.359

 9, 33.175, 245.359

 0, 33.175, 245.359

69, 33.175,
245.359

69, 33.175,
245.359

66, 37.133,
248.645

72, 28.701,
242.678

64, 40.625,
252.595

75, 23.724,
240.519

61, 43.767,
257.205

78, 18.289,
238.793

59, 46.782,
262.264

82, 12.461,
237.421

59, 46.833,
262.344

85, 6.309, 236.356

89, 0.101, 50.150

92, 6.709, 54.595

95, 10.052, 68.549

97, 11.945, 90.279

Harmonies

Complementary

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



69, 33.175, 245.359



64, 48.439, 51.682

Rectangle

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



69, 33.175, 245.359



69, 33.175, 295.359



69, 33.175, 65.359



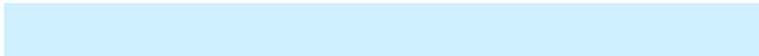
69, 33.175, 115.359

Sweetspot

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



69, 33.174, 245.359



93, 12.690, 237.219



80, 65.496, 148.770



49, 8.760, 237.573



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, 33.174, 245.359



74, 42.301, 249.650



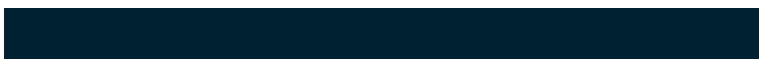
51, 62.988, 292.166



45, 3.673, 236.321



47, 38.978, 261.464



11, 14.699, 251.535

Inverse Universe

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



58, 64.972, 340.758



61, 82.453, 342.393



80, 56.485, 94.308



44, 6.464, 336.196



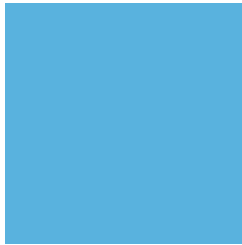
39, 68.617, 347.140



7, 28.820, 343.220

Previews

White Background



This preview shows how the CIELCh color 69, 33.175, 245.359 looks on a white background.

Color Contrast Check

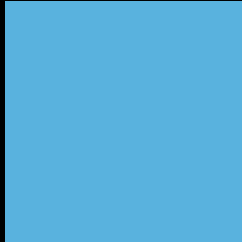
Large Text (above 18pt) WCAG AA × Fail

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, 33.175, 245.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

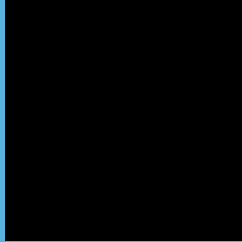
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

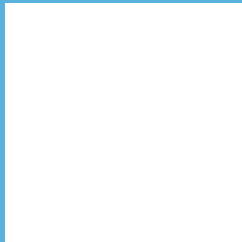
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 33.175, 245.359

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.175, 245.359.

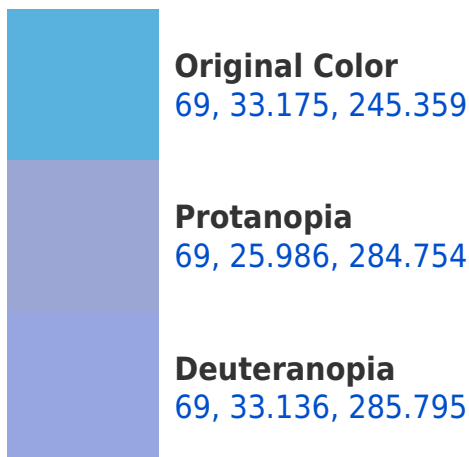


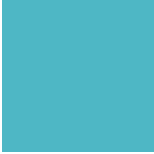
This preview shows how white text looks on a background with the CIELCh color 69, 33.175, 245.359.

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](#).

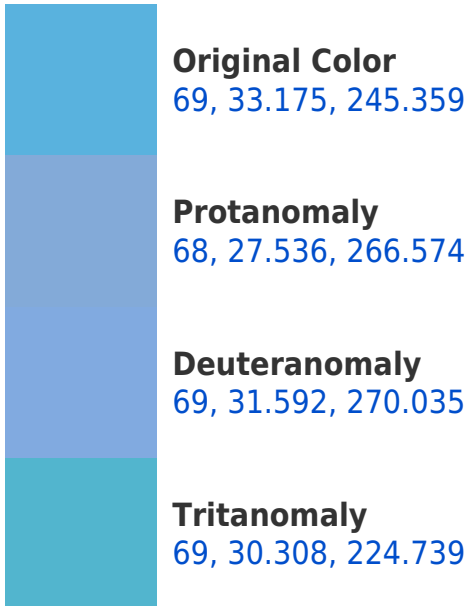
Dichromacy



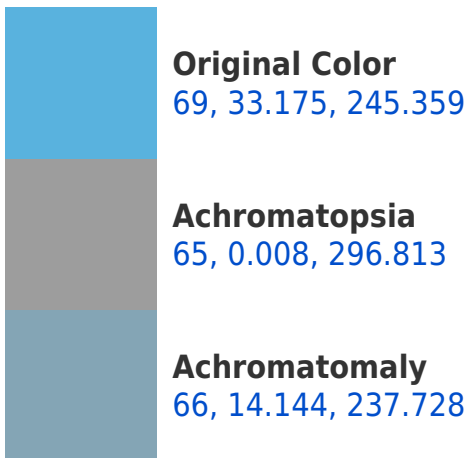


Tritanopia
69, 30.531, 211.953

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.175, 245.359 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(89, 178, 222)` looks like.

```
.text, #text, p{  
    color:rgb(89, 178, 222)  
}
```

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(89, 178, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 178, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.175, 245.359 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(89, 178, 222) }
```

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

```
.border{ border-color:rgb(89, 178, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 178, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 178, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 178, 222);  
box-shadow:4px 4px 4px 4px rgb(89, 178,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.175, 245.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 178, 222) }
```

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

```
.background{ background-color: rgb(89, 178,  
222) }
```

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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