

Converting Colors

CIELCh(69, 33.126, 238.709)

Have a look what the booklet for
CIELCh(69, 33.126, 238.709)
contains.

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Color

CIELCh(69, 33.085, 238.593)

Conversions

Conversions Part 1

Format	Color
Hex	51B4DB
RGB	81, 180, 219
RGB Percent	32%, 71%, 86%
CMY	0.6838, 0.2953, 0.1425
CMYK	0.63, 0.18, 0.00, 0.14
HSL	197°, 66%, 59%
HSV	197°, 63%, 86%
XYZ	32.3609, 39.3444, 72.6800
YIQ	154.8450, -71.5230, -8.8590

Conversions

Conversions Part 2

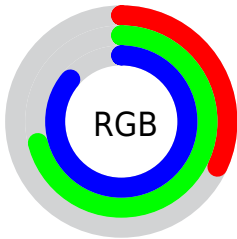
Format	Color
RYB	81, 139, 219
Decimal	5354715
CIELab	69.00, -17.24, -28.24
CIELCh	69, 33.085, 238.593
Yxy	39.3444, 0.2241, 0.2725
Android (android.graphics.Color)	4283544795 (0xFF51B4DB)
YUV	154.8450, 31.6284, -64.7621
Hunter-Lab	62.7251, -17.6779, -24.7922

Details

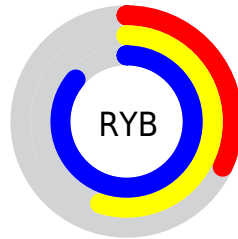
The CIELCh color **69, 33.085, 238.593** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **61, 51.955, 47.342**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 29.241, 217.746**, and **49, 32.063, 240.678** is the 20% darker color. If you saturate the color by 10%, you get **67, 36.331, 241.718**, and if you desaturate by 10%, it is **72, 29.213, 236.079**.

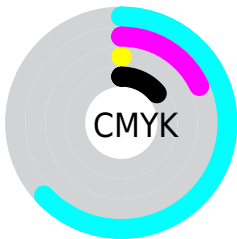
Distribution



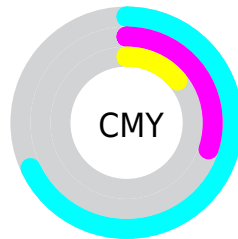
- Red (32%)
- Green (71%)
- Blue (86%)



- Red (32%)
- Yellow (55%)
- Blue (86%)



- Cyan (63%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)





- Cyan (68%)
- Magenta (30%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 33.085, 238.593 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, 33.085, 238.593 by changing the saturation by 10% instead.


 69, 33.085,
238.593


 69, 33.085,
238.593


 100, 33.085,
238.593


 59, 33.085,
238.593


 89, 33.085,
238.593

 49, 33.085,
238.593

 99, 33.085,
238.593

 39, 33.085,
238.593

 29, 33.085,
238.593

 19, 33.085,
238.593

 9, 33.085, 238.593

 0, 33.085, 238.593

69, 33.085,
238.593

69, 33.085,
238.593

67, 36.331,
241.718

72, 29.213,
236.079

64, 39.004,
245.525

74, 24.733,
234.086

62, 41.229,
250.024

77, 19.695,
232.522

61, 42.653,
253.369

80, 14.176,
231.306

83, 8.256, 230.380

86, 2.013, 229.847

90, 4.481, 48.881

93, 10.980, 49.035

94, 11.204, 68.894

Harmonies

Complementary

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



69, 33.085, 238.593



61, 51.955, 47.342

Rectangle

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



69, 33.085, 238.593



69, 33.085, 288.593



69, 33.085, 58.593



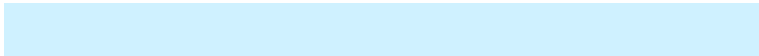
69, 33.085, 108.593

Sweetspot

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



69, 33.084, 238.593



93, 13.332, 230.906



78, 70.413, 146.451



49, 9.106, 231.193



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, 33.084, 238.593



76, 41.929, 242.980



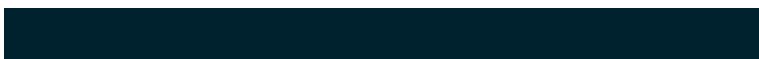
50, 61.678, 290.423



44, 3.608, 230.110



49, 35.646, 252.510



11, 13.523, 242.624

Inverse Universe

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



56, 68.911, 338.658



61, 87.487, 340.203



77, 56.417, 90.409



43, 6.566, 334.186



39, 69.985, 343.515



6, 28.357, 340.268

Previews

White Background



This preview shows how the CIE LCh color 69, 33.085, 238.593 looks on a white background.

Color Contrast Check

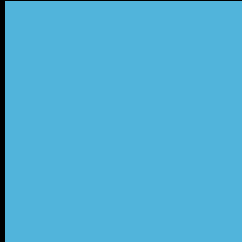
Large Text (above 18pt) WCAG AA × Fail

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, 33.085, 238.593 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, 33.085, 238.593

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.085, 238.593.



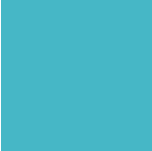
This preview shows how white text looks on a background with the CIELCh color 69, 33.085, 238.593.

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](#).

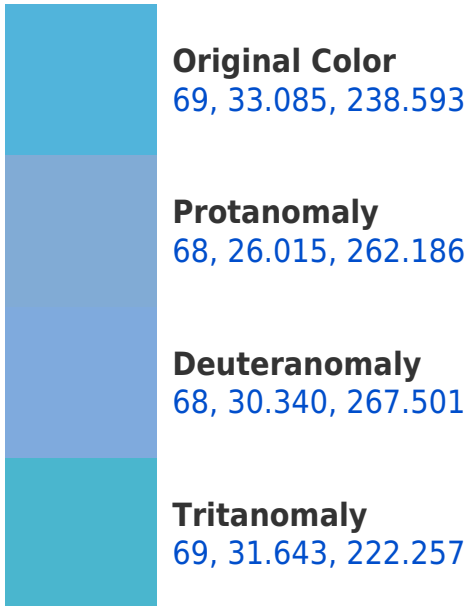
Dichromacy



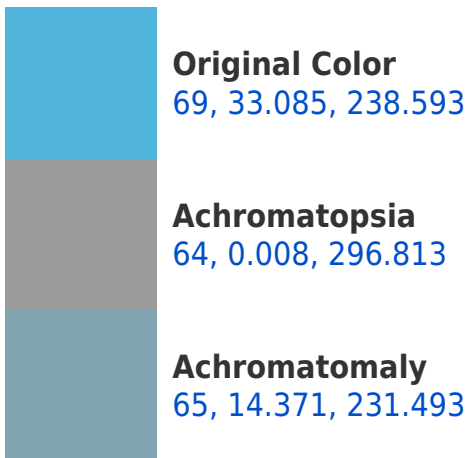


Tritanopia
69, 31.888, 212.271

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.085, 238.593 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(81, 180, 219)` looks like.

```
.text, #text, p{  
    color:rgb(81, 180, 219)  
}
```

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(81, 180, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 180, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.085, 238.593 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(81, 180, 219) }
```

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

```
.border{ border-color:rgb(81, 180, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 180, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 180, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 180, 219);  
box-shadow:4px 4px 4px 4px rgb(81, 180,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.085, 238.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 180, 219) }
```

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

```
.background{ background-color: rgb(81, 180,  
219) }
```

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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