

Converting Colors

CIELCh(67, 33.031, 252.359)

Have a look what the booklet for
CIELCh(67, 33.031, 252.359)
contains.

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Color

CIELCh(67, 33.031, 252.359)

Conversions

Conversions Part 1

Format	Color
Hex	5EABDB
RGB	94, 171, 219
RGB Percent	37%, 67%, 86%
CMY	0.6312, 0.3293, 0.1411
CMYK	0.57, 0.22, 0.00, 0.14
HSL	203°, 63%, 61%
HSV	203°, 57%, 86%
XYZ	31.9760, 36.6320, 72.4206
YIQ	153.4490, -61.3000, -1.3960

Conversions

Conversions Part 2

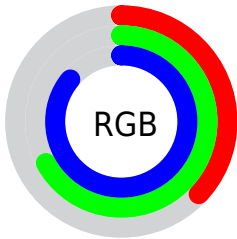
Format	Color
R _Y B	94, 142, 219
Decimal	6204379
CIE Lab	67.00, -10.01, -31.48
CIE LCh	67, 33.031, 252.359
Yxy	36.6320, 0.2267, 0.2597
Android (android.graphics.Color)	4284394459 (0xFF5EABDB)
YUV	153.4490, 32.3166, -52.1368
Hunter-Lab	60.5244, -11.6131, -28.5766

Details

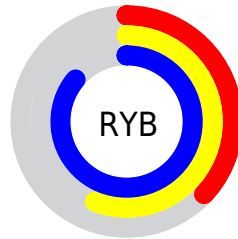
The CIELCh color **67, 33.031, 252.359** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **66, 44.673, 56.867**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 26.267, 233.887**, and **47, 33.060, 252.409** is the 20% darker color. If you saturate the color by 10%, you get **64, 37.675, 255.706**, and if you desaturate by 10%, it is **70, 28.006, 249.586**.

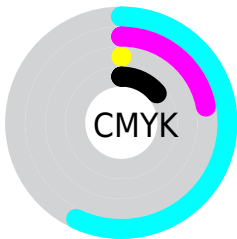
Distribution



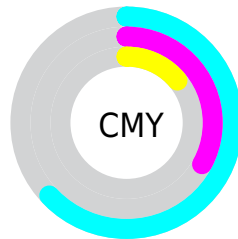
- Red (37%)
- Green (67%)
- Blue (86%)



- Red (37%)
- Yellow (56%)
- Blue (86%)



- Cyan (57%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)





- Cyan (63%)
- Magenta (33%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 33.031, 252.359 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 67, 33.031, 252.359 by changing the saturation by 10% instead.


 67, 33.031,
252.359


 67, 33.031,
252.359


 100, 33.031,
252.359


 57, 33.031,
252.359


 87, 33.031,
252.359

 47, 33.031,
252.359

 97, 33.031,
252.359

 37, 33.031,
252.359

 27, 33.031,
252.359

 17, 33.031,
252.359

 7, 33.031, 252.359

 0, 33.031, 252.359

67, 33.031,
252.359

67, 33.031,
252.359

64, 37.675,
255.706

70, 28.006,
249.586

61, 41.986,
259.671

74, 22.606,
247.316

58, 46.069,
264.233

77, 16.863,
245.467

55, 50.090,
269.252

81, 10.828,
243.970

54, 51.309,
270.699

85, 4.554, 242.795

89, 1.905, 61.417

92, 8.503, 60.776

95, 11.630, 77.411

97, 14.410, 96.863

Harmonies

Complementary

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



67, 33.031, 252.359



66, 44.673, 56.867

Rectangle

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



67, 33.031, 252.359



67, 33.031, 302.359



67, 33.031, 72.359



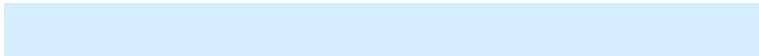
67, 33.031, 122.359

Sweetspot

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



67, 33.030, 252.359



93, 12.200, 243.980



79, 58.804, 151.875



49, 8.132, 244.258



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 33.030, 252.359



73, 43.014, 256.267



50, 64.249, 294.551



44, 3.649, 243.039



44, 42.586, 269.821



9, 15.132, 259.126

Inverse Universe

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



58, 59.841, 343.254



62, 77.138, 344.902



81, 56.414, 98.775



43, 6.108, 338.559



38, 65.989, 351.385



6, 26.582, 346.387

Previews

White Background



This preview shows how the CIE LCh color 67, 33.031, 252.359 looks on a white background.

Color Contrast Check

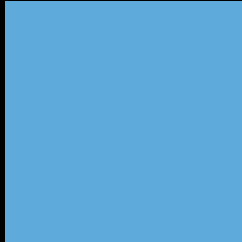
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 33.031, 252.359 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

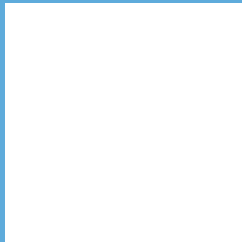
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 33.031, 252.359

Background



This preview shows how black text looks on a background with the CIELCh color 67, 33.031, 252.359.



This preview shows how white text looks on a background with the CIELCh color 67, 33.031, 252.359.

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](#).

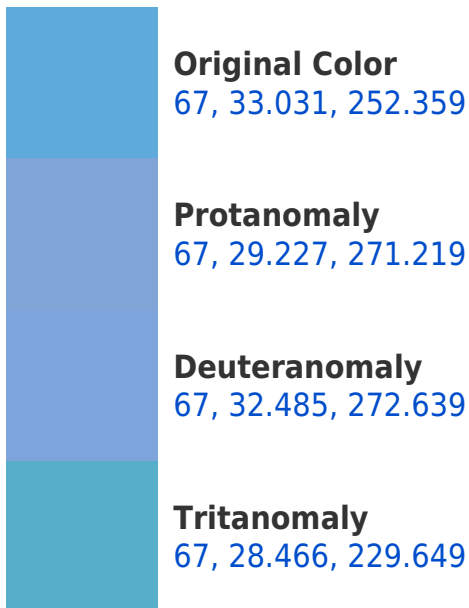
Dichromacy



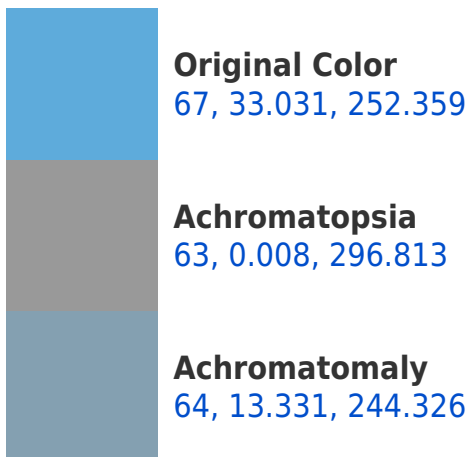


Tritanopia
67, 28.128, 213.480

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 33.031, 252.359 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(94, 171, 219)` looks like.

```
.text, #text, p{  
    color:rgb(94, 171, 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(94, 171, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 171, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 33.031, 252.359 is called "border". The border property can be set on classes, ids or directly on the HTML element.

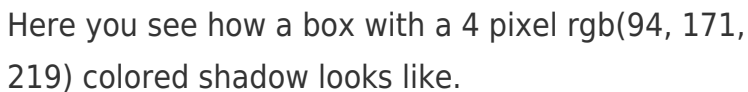
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 171, 219) }
```

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

```
.border{ border-color:rgb(94, 171, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 171, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 171, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 171, 219);  
box-shadow:4px 4px 4px 4px rgb(94, 171,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 33.031, 252.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 171, 219) }
```

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

```
.background{ background-color: rgb(94, 171,  
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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