

Converting Colors

CIELCh(68, 34.580, 251.347)

Have a look what the booklet for
CIELCh(68, 34.580, 251.347)
contains.

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Color

CIELCh(68, 34.594, 251.680)

Conversions

Conversions Part 1

Format	Color
Hex	5AAEE0
RGB	90, 174, 224
RGB Percent	35%, 68%, 88%
CMY	0.6457, 0.3165, 0.1204
CMYK	0.60, 0.22, 0.00, 0.12
HSL	202°, 69%, 62%
HSV	202°, 60%, 88%
XYZ	32.9363, 37.9720, 76.3307
YIQ	154.5840, -66.1140, -2.2580

Conversions

Conversions Part 2

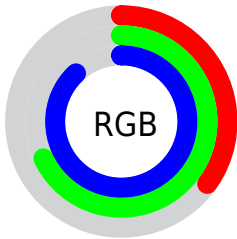
Format	Color
R _Y B	90, 142, 224
Decimal	5943008
CIE Lab	68.00, -10.87, -32.84
CIE LCh	68, 34.594, 251.680
Yxy	37.9720, 0.2237, 0.2579
Android (android.graphics.Color)	4284133088 (0xFF5AAEE0)
YUV	154.5840, 34.2221, -56.6402
Hunter-Lab	61.6215, -12.4305, -30.3077

Details

The CIELCh color **68, 34.594, 251.680** 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, 48.165, 55.643**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 26.896, 228.737**, and **48, 34.660, 251.744** is the 20% darker color. If you saturate the color by 10%, you get **65, 39.089, 255.165**, and if you desaturate by 10%, it is **71, 29.689, 248.792**.

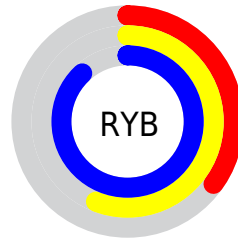
Distribution



Red (35%)

Green (68%)

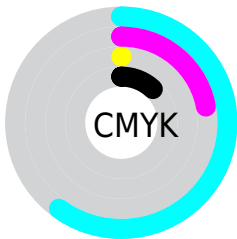
Blue (88%)



Red (35%)

Yellow (56%)

Blue (88%)

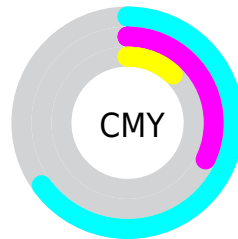


Cyan (60%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (32%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 34.594, 251.680 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 68, 34.594, 251.680 by changing the saturation by 10% instead.

■ 68, 34.594,
251.680

■ 68, 34.594,
251.680

■ 100, 34.594,
251.680

■ 58, 34.594,
251.680

■ 88, 34.594,
251.680

■ 48, 34.594,
251.680

■ 98, 34.594,
251.680

■ 38, 34.594,
251.680

■ 28, 34.594,
251.680

■ 18, 34.594,
251.680

■ 8, 34.594, 251.680

■ 0, 34.594, 251.680

68, 34.594,
251.680

68, 34.594,
251.680

65, 39.089,
255.165

71, 29.689,
248.792

62, 43.238,
259.283

75, 24.371,
246.431

59, 47.162,
263.996

78, 18.672,
244.513

56, 51.072,
269.065

82, 12.643,
242.963

56, 51.183,
269.199

86, 6.341, 241.732

89, 0.176, 57.748

93, 6.856, 59.691

96, 10.007, 79.372

98, 13.013,

Harmonies

Complementary

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



68, 34.594, 251.680



66, 48.165, 55.643

Rectangle

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



68, 34.594, 251.680



68, 34.594, 301.680



68, 34.594, 71.680



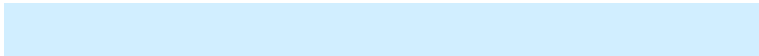
68, 34.594, 121.680

Sweetspot

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



68, 34.593, 251.680



93, 12.840, 242.746



80, 63.248, 150.761



48, 8.874, 243.151



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 34.593, 251.680



72, 44.376, 256.250



50, 67.509, 294.501



45, 3.705, 241.703



45, 42.190, 268.297



10, 15.515, 258.232

Inverse Universe

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



58, 63.701, 343.022



61, 80.435, 344.907



82, 59.088, 97.490



44, 6.272, 338.070



38, 67.045, 350.531



7, 28.107, 345.848

Previews

White Background



This preview shows how the CIELCh color 68, 34.594, 251.680 looks on a white background.

Color Contrast Check

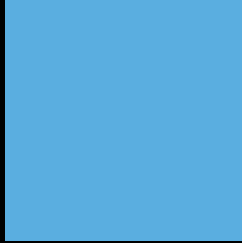
Large Text (above 18pt) WCAG AA × Fail

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 68, 34.594, 251.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

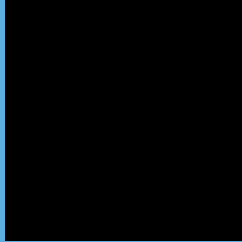
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

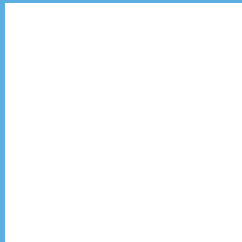
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 34.594, 251.680

Background



This preview shows how black text looks on a background with the CIELCh color 68, 34.594, 251.680.



This preview shows how white text looks on a background with the CIELCh color 68, 34.594, 251.680.

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](#).

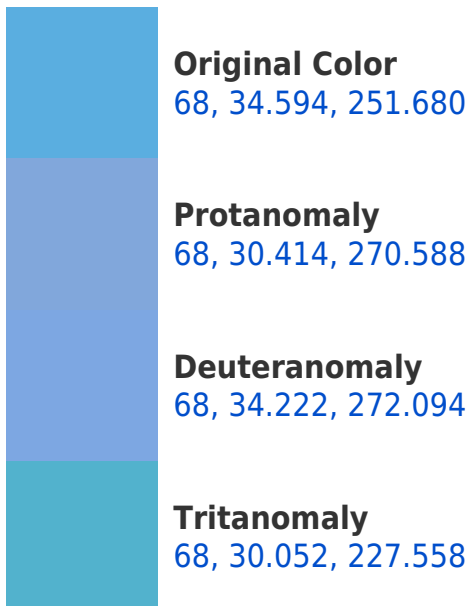
Dichromacy



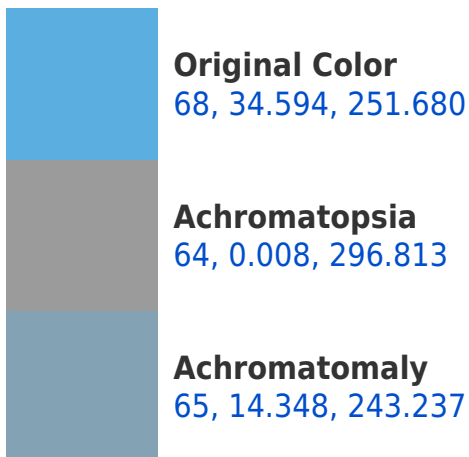


Tritanopia
68, 30.092, 212.229

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 34.594, 251.680 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(90, 174, 224)` looks like.

```
.text, #text, p{  
    color:rgb(90, 174, 224)  
}
```

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(90, 174, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 174, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 34.594, 251.680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

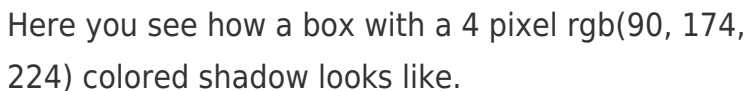
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 174, 224) }
```

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

```
.border{ border-color:rgb(90, 174, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(90, 174, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 174, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 174, 224);  
box-shadow:4px 4px 4px 4px rgb(90, 174,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 34.594, 251.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 174, 224) }
```

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

```
.background{ background-color: rgb(90, 174,  
224) }
```

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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