

Converting Colors

CIELCh(68, 32.039, 244.056)

Have a look what the booklet for
CIELCh(68, 32.039, 244.056)
contains.

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Color

CIELCh(68, 32.134, 244.648)

Conversions

Conversions Part 1

Format	Color
Hex	59AFD9
RGB	89, 175, 217
RGB Percent	35%, 69%, 85%
CMY	0.6494, 0.3123, 0.1476
CMYK	0.59, 0.19, 0.00, 0.15
HSL	200°, 63%, 60%
HSV	200°, 59%, 85%
XYZ	32.1311, 37.9720, 71.5354
YIQ	154.0740, -64.7380, -5.1700

Conversions

Conversions Part 2

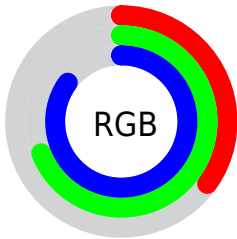
Format	Color
R_{YB}	89, 140, 217
Decimal	5877721
CIE _{Lab}	68.00, -13.76, -29.04
CIE _{LCh}	68, 32.134, 244.648
Yxy	37.9720, 0.2269, 0.2681
Android (android.graphics.Color)	4284067801 (0xFF59AFD9)
YUV	154.0740, 31.0225, -57.0699
Hunter-Lab	61.6215, -14.7628, -25.6938

Details

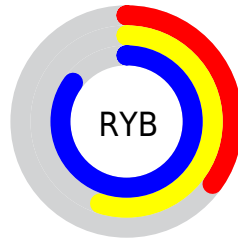
The CIELCh color **68, 32.134, 244.648** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **63, 46.681, 51.479**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 27.414, 225.466**, and **48, 32.066, 244.062** is the 20% darker color. If you saturate the color by 10%, you get **65, 36.047, 247.846**, and if you desaturate by 10%, it is **71, 27.707, 242.045**.

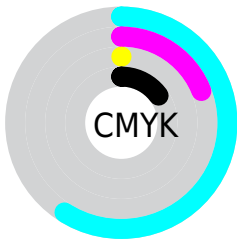
Distribution



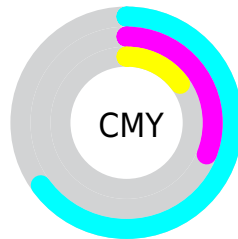
- Red (35%)
- Green (69%)
- Blue (85%)



- Red (35%)
- Yellow (55%)
- Blue (85%)



- Cyan (59%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)




- Cyan (65%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 32.134, 244.648 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, 32.134, 244.648 by changing the saturation by 10% instead.

 68, 32.134,
244.648

 68, 32.134,
244.648


 100, 32.134,
244.648


 58, 32.134,
244.648


 88, 32.134,
244.648

 48, 32.134,
244.648

 98, 32.134,
244.648

 38, 32.134,
244.648

 28, 32.134,
244.648

 18, 32.134,
244.648

 8, 32.134, 244.648

 0, 32.134, 244.648

68, 32.134,
244.648

68, 32.134,
244.648

65, 36.047,
247.846

71, 27.707,
242.045

63, 39.488,
251.704

74, 22.785,
239.952

60, 42.560,
256.227

77, 17.415,
238.280

58, 45.467,
261.257

80, 11.662,
236.955

58, 45.808,
261.817

84, 5.595, 235.934

87, 0.721, 54.261

91, 7.228, 54.226

94, 11.394, 62.438

95, 12.706, 82.616

Harmonies

Complementary

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



68, 32.134, 244.648



63, 46.681, 51.479

Rectangle

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



68, 32.134, 244.648



68, 32.134, 294.648



68, 32.134, 64.648



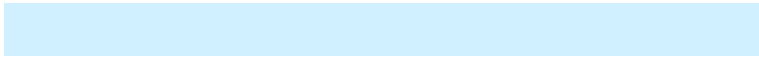
68, 32.134, 114.648

Sweetspot

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



68, 32.133, 244.648



93, 12.685, 236.873



78, 63.434, 148.928



49, 8.756, 237.224



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, 32.133, 244.648



75, 41.791, 248.848



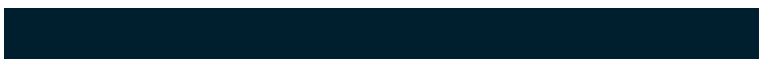
51, 60.753, 291.889



44, 3.604, 235.983



46, 38.357, 260.950



10, 14.111, 250.431

Inverse Universe

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



57, 63.113, 340.502



62, 81.903, 342.102



79, 54.672, 94.436



43, 6.355, 336.082



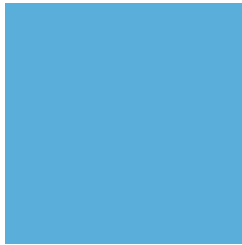
38, 67.999, 346.910



6, 27.512, 342.903

Previews

White Background



This preview shows how the CIE LCh color 68, 32.134, 244.648 looks on a white background.

Color Contrast Check

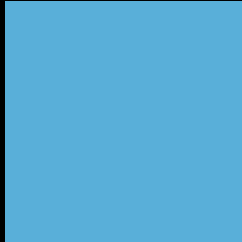
Large Text (above 18pt) WCAG AA × Fail

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, 32.134, 244.648 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

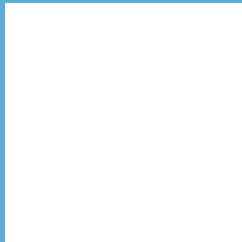
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 32.134, 244.648

Background



This preview shows how black text looks on a background with the CIELCh color 68, 32.134, 244.648.

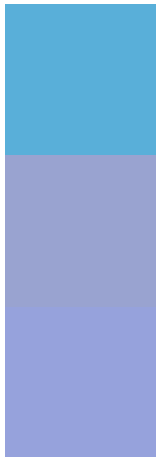


This preview shows how white text looks on a background with the CIELCh color 68, 32.134, 244.648.

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](#).

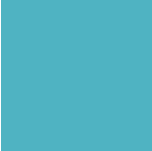
Dichromacy



Original Color
68, 32.134, 244.648

Protanopia
68, 24.950, 285.051

Deuteranopia
68, 32.099, 286.554

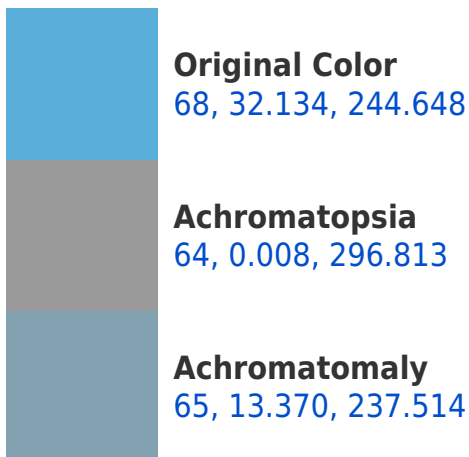


Tritanopia
68, 29.554, 213.696

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 32.134, 244.648 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, 175, 217)` looks like.

```
.text, #text, p{  
    color:rgb(89, 175, 217)  
}
```

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, 175, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 175, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 32.134, 244.648 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, 175, 217) }
```

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

```
.border{ border-color:rgb(89, 175, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 175, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 175, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 175, 217);  
box-shadow:4px 4px 4px 4px rgb(89, 175,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 32.134, 244.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 175, 217) }
```

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

```
.background{ background-color: rgb(89, 175,  
217) }
```

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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