

Converting Colors

CIELCh(68, 40.064, 262.068)

Have a look what the booklet for
CIELCh(68, 40.064, 262.068)
contains.

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Color

CIELCh(68, 40.225, 262.399)

Conversions

Conversions Part 1

Format	Color
Hex	5CACED
RGB	92, 172, 237
RGB Percent	36%, 67%, 93%
CMY	0.6385, 0.3249, 0.0699
CMYK	0.61, 0.27, 0.00, 0.07
HSL	207°, 80%, 65%
HSV	207°, 61%, 93%
XYZ	34.5234, 37.9720, 85.7560
YIQ	155.4900, -68.5450, 3.2550

Conversions

Conversions Part 2

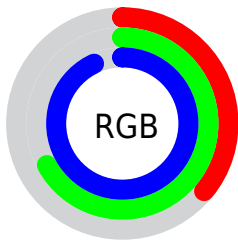
Format	Color
R _Y B	92, 144, 237
Decimal	6073581
CIE Lab	68.00, -5.32, -39.87
CIE LCh	68, 40.225, 262.399
Yxy	37.9720, 0.2182, 0.2399
Android (android.graphics.Color)	4284263661 (0xFF5CAGED)
YUV	155.4900, 40.1844, -55.6807
Hunter-Lab	61.6215, -7.8329, -39.3764

Details

The CIELCh color **68, 40.225, 262.399** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **72, 51.394, 62.684**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 26.242, 232.465**, and **48, 40.289, 262.612** is the 20% darker color. If you saturate the color by 10%, you get **64, 46.003, 266.113**, and if you desaturate by 10%, it is **72, 34.228, 259.239**.

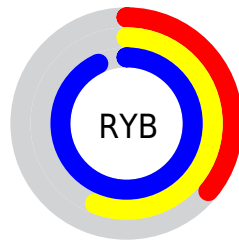
Distribution



Red (36%)

Green (67%)

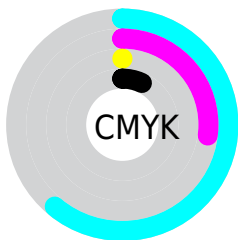
Blue (93%)



Red (36%)

Yellow (56%)

Blue (93%)

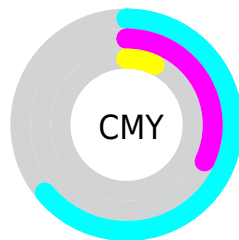


Cyan (61%)

Magenta (27%)

Yellow (0%)

Black (7%)



Cyan (64%)


Magenta (32%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 40.225, 262.399 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, 40.225, 262.399 by changing the saturation by 10% instead.


 68, 40.225,
262.399

 68, 40.225,
262.399


 100, 40.225,
262.399


 58, 40.225,
262.399


 88, 40.225,
262.399

 48, 40.225,
262.399

 98, 40.225,
262.399

 38, 40.225,
262.399

 28, 40.225,
262.399

 18, 40.225,
262.399

 8, 40.225, 262.399

 0, 40.225, 262.399

68, 40.225,
262.399

68, 40.225,
262.399

64, 46.003,
266.113

72, 34.228,
259.239

61, 51.653,
270.366

76, 27.980,
256.592

57, 57.306,
275.058

80, 21.482,
254.394

54, 62.466,
279.344

85, 14.762,
252.576

89, 7.857, 251.085

93, 0.810, 250.332

97, 5.648, 77.542

100, 9.028,
109.493

Harmonies

Complementary

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



68, 40.225, 262.399



72, 51.394, 62.684

Rectangle

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



68, 40.225, 262.399



68, 40.225, 312.399



68, 40.225, 82.399



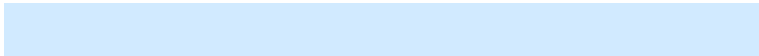
68, 40.225, 132.399

Sweetspot

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



68, 40.224, 262.399



92, 13.382, 252.087



85, 63.756, 153.402



48, 9.269, 252.553



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, 40.224, 262.399



68, 49.893, 266.986



49, 78.541, 297.629



48, 4.053, 250.871



42, 50.795, 278.497



11, 19.539, 270.361

Inverse Universe

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



61, 65.047, 347.663



60, 77.973, 349.967



89, 66.517, 101.140



47, 6.283, 341.689



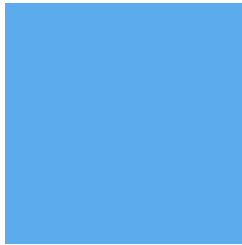
40, 67.040, 357.173



9, 30.001, 351.698

Previews

White Background



This preview shows how the CIE LCh color 68, 40.225, 262.399 looks on a white background.

Color Contrast Check

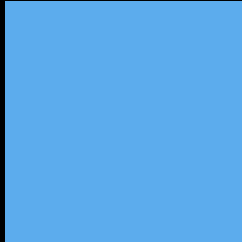
Large Text (above 18pt) WCAG AA × Fail

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 68, 40.225, 262.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

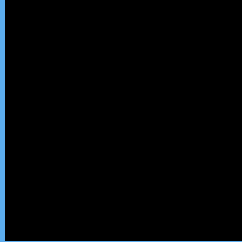
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

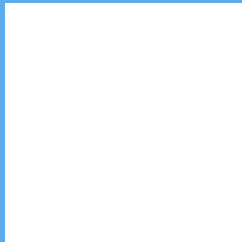
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 40.225, 262.399

Background



This preview shows how black text looks on a background with the CIELCh color 68, 40.225, 262.399.



This preview shows how white text looks on a background with the CIELCh color 68, 40.225, 262.399.

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](#).

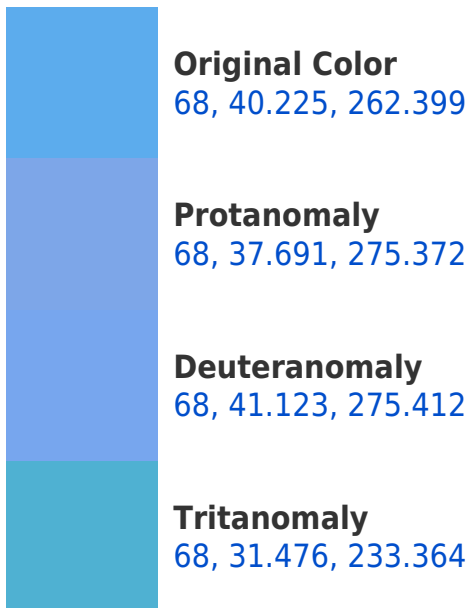
Dichromacy



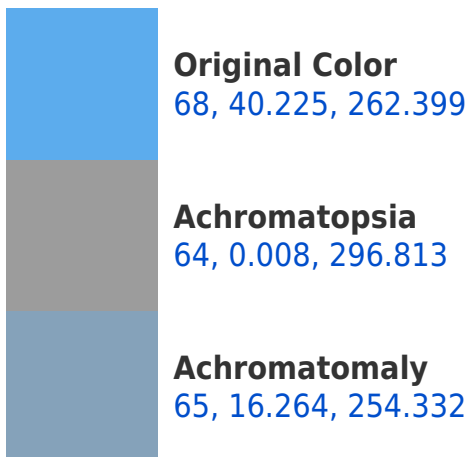


Tritanopia
68, 30.973, 212.819

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 40.225, 262.399 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(92, 172, 237)` looks like.

```
.text, #text, p{  
    color:rgb(92, 172, 237)  
}
```

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(92, 172, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 172, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 40.225, 262.399 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(92, 172, 237) }
```

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

```
.border{ border-color:rgb(92, 172, 237) }
```

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

Here you see how a box with a 4 pixel rgb(92, 172, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 172, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 172, 237);  
box-shadow:4px 4px 4px 4px rgb(92, 172,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 40.225, 262.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 172, 237) }
```

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

```
.background{ background-color: rgb(92, 172,  
237) }
```

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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