

Converting Colors

CIELCh(67, 35.025, 262.129)

Have a look what the booklet for
CIELCh(67, 35.025, 262.129)
contains.

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Color

CIELCh(67, 34.947, 261.748)

Conversions

Conversions Part 1

Format	Color
Hex	68A9E1
RGB	104, 169, 225
RGB Percent	41%, 66%, 88%
CMY	0.5932, 0.3382, 0.1187
CMYK	0.54, 0.25, 0.00, 0.12
HSL	208°, 67%, 64%
HSV	208°, 54%, 88%
XYZ	33.3736, 36.6320, 76.3570
YIQ	155.9490, -56.7160, 3.6360

Conversions

Conversions Part 2

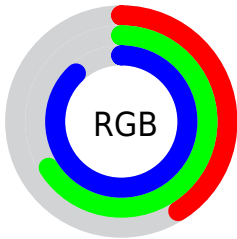
Format	Color
RYB	104, 146, 225
Decimal	6859233
CIELab	67.00, -5.02, -34.59
CIELCh	67, 34.947, 261.748
Yxy	36.6320, 0.2280, 0.2503
Android (android.graphics.Color)	4285049313 (0xFF68A9E1)
YUV	155.9490, 34.0421, -45.5593
Hunter-Lab	60.5244, -7.4914, -32.4327

Details

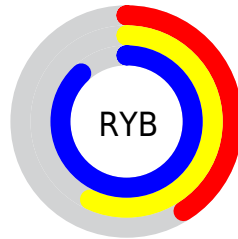
The CIELCh color **67, 34.947, 261.748** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **71, 42.600, 64.940**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 24.534, 240.278**, and **47, 34.804, 261.537** is the 20% darker color. If you saturate the color by 10%, you get **63, 40.826, 265.042**, and if you desaturate by 10%, it is **71, 28.863, 258.968**.

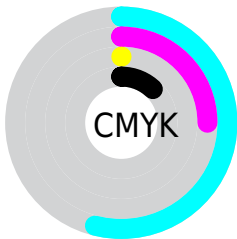
Distribution



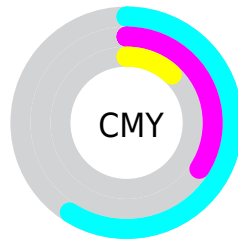
- Red (41%)
- Green (66%)
- Blue (88%)



- Red (41%)
- Yellow (57%)
- Blue (88%)



- Cyan (54%)
- Magenta (25%)
- Yellow (0%)
- Black (12%)



- Cyan (59%)
- Magenta (34%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 34.947, 261.748 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, 34.947, 261.748 by changing the saturation by 10% instead.

■ 67, 34.947,
261.748

■ 67, 34.947,
261.748

■ 100, 34.947,
261.748

■ 57, 34.947,
261.748

■ 87, 34.947,
261.748

■ 47, 34.947,
261.748

■ 97, 34.947,
261.748

■ 37, 34.947,
261.748

■ 27, 34.947,
261.748

■ 17, 34.947,
261.748

■ 7, 34.947, 261.748

■ 0, 34.947, 261.748

67, 34.947,
261.748

67, 34.947,
261.748

63, 40.826,
265.042

71, 28.863,
258.968

59, 46.553,
268.873

75, 22.568,
256.646

56, 52.220,
273.205

79, 16.078,
254.717

53, 57.955,
277.906

83, 9.423, 253.121

88, 2.640, 251.889

51, 61.598,
280.802

92, 4.235, 70.486

96, 9.879, 79.591

99, 13.829,
104.480

99, 15.311,

Harmonies

Complementary

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



67, 34.947, 261.748



71, 42.600, 64.940

Rectangle

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



67, 34.947, 261.748



67, 34.947, 311.748



67, 34.947, 81.748



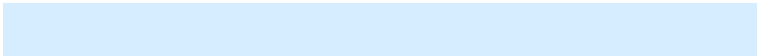
67, 34.947, 131.748

Sweetspot

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



67, 34.946, 261.748



92, 12.043, 253.456



81, 53.887, 155.330



48, 8.115, 253.776



0, 0.000, 0.000



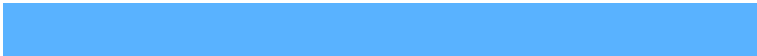
53, 0.007, 296.813

Same Dimension

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



67, 34.946, 261.748



70, 45.942, 265.624



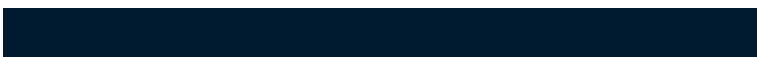
51, 66.558, 296.523



45, 3.875, 252.519



40, 50.523, 279.969



9, 17.817, 270.371

Inverse Universe

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



60, 55.593, 347.352



63, 71.706, 349.299



86, 57.790, 102.701



44, 5.893, 342.413



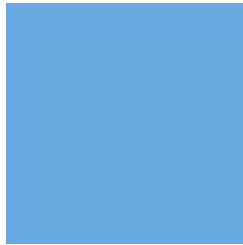
38, 64.709, 358.348



6, 26.845, 351.964

Previews

White Background



This preview shows how the CIELCh color 67, 34.947, 261.748 looks on a white background.

Color Contrast Check

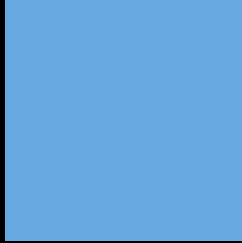
Large Text (above 18pt) WCAG AA × Fail

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, 34.947, 261.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

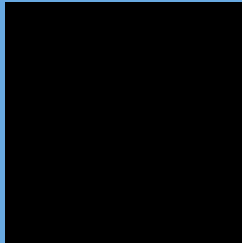
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 34.947, 261.748

Background



This preview shows how black text looks on a background with the CIELCh color 67, 34.947, 261.748.

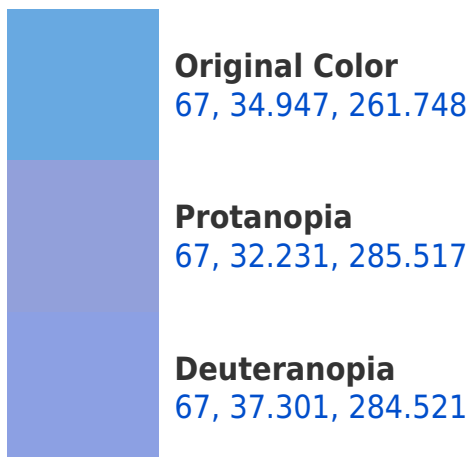


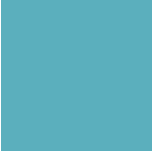
This preview shows how white text looks on a background with the CIELCh color 67, 34.947, 261.748.

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](#).

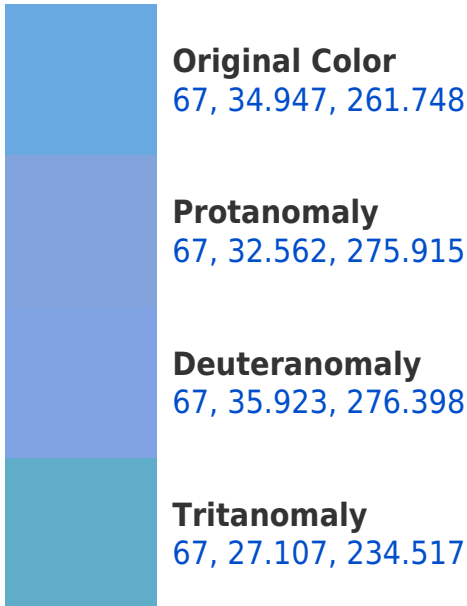
Dichromacy



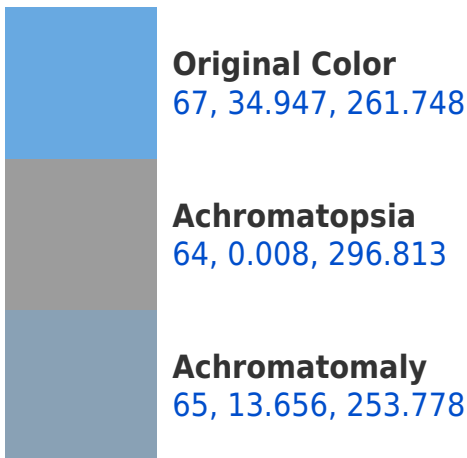


Tritanopia
67, 26.269, 214.796

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 34.947, 261.748 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(104, 169, 225)` looks like.

```
.text, #text, p{  
    color:rgb(104, 169, 225)  
}
```

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(104, 169, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 169, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 34.947, 261.748 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(104, 169, 225) }
```

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

```
.border{ border-color:rgb(104, 169, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 169, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 169, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 169, 225);  
box-shadow:4px 4px 4px 4px rgb(104, 169,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 34.947, 261.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 169, 225) }
```

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

```
.background{ background-color: rgb(104,  
169, 225) }
```

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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