

Converting Colors

CIELCh(67, 39.058, 278.466)

Have a look what the booklet for
CIELCh(67, 39.058, 278.466)
contains.

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Color

CIELCh(67, 39.021, 278.420)

Conversions

Conversions Part 1

Format	Color
Hex	7FA3E8
RGB	127, 163, 232
RGB Percent	50%, 64%, 91%
CMY	0.5011, 0.3600, 0.0893
CMYK	0.45, 0.30, 0.00, 0.09
HSL	219°, 70%, 70%
HSV	219°, 45%, 91%
XYZ	36.5126, 36.6320, 81.6512
YIQ	160.1020, -43.6050, 13.8270

Conversions

Conversions Part 2

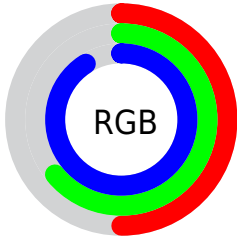
Format	Color
RYB	127, 154, 232
Decimal	8365032
CIELab	67.00, 5.71, -38.60
CIElCh	67, 39.021, 278.420
Yxy	36.6320, 0.2359, 0.2366
Android (android.graphics.Color)	4286555112 (0xFF7FA3E8)
YUV	160.1020, 35.4457, -29.0305
Hunter-Lab	60.5244, 1.7663, -37.6189

Details

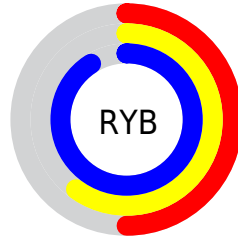
The CIELCh color **67, 39.021, 278.420** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **81, 39.490, 84.356**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.897, 262.061**, and **47, 38.836, 277.979** is the 20% darker color. If you saturate the color by 10%, you get **62, 48.061, 281.093**, and if you desaturate by 10%, it is **72, 30.153, 276.121**.

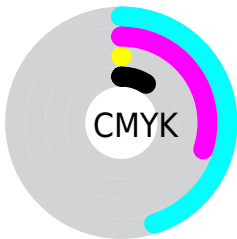
Distribution



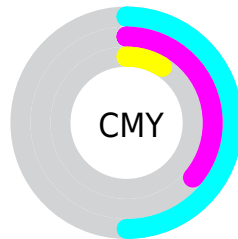
- Red (50%)
- Green (64%)
- Blue (91%)



- Red (50%)
- Yellow (60%)
- Blue (91%)



- Cyan (45%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 39.021, 278.420 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, 39.021, 278.420 by changing the saturation by 10% instead.

■ 67, 39.021,
278.420

■ 67, 39.021,
278.420

■ 100, 39.021,
278.420

■ 57, 39.021,
278.420

■ 87, 39.021,
278.420

■ 47, 39.021,
278.420

■ 97, 39.021,
278.420

■ 37, 39.021,
278.420

■ 27, 39.021,
278.420

■ 17, 39.021,
278.420

■ 7, 39.021, 278.420

■ 0, 39.021, 278.420

67, 39.021,
278.420

67, 39.021,
278.420

62, 48.061,
281.093

72, 30.153,
276.121

56, 57.317,
284.152

78, 21.431,
274.158

51, 66.828,
287.566

84, 12.841,
272.488

47, 76.587,
291.227

89, 4.376, 271.095

42, 86.468,
294.942

95, 3.963, 89.728

40, 91.164,
296.613

99, 11.422,
108.914

99, 11.532,
109.306

Harmonies

Complementary

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



67, 39.021, 278.420



81, 39.490, 84.356

Rectangle

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



67, 39.021, 278.420



67, 39.021, 328.420



67, 39.021, 98.420



67, 39.021, 148.420

Sweetspot

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



67, 39.020, 278.420



92, 12.735, 272.314



85, 39.875, 167.737



48, 8.805, 272.647



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, 39.020, 278.420



68, 50.665, 280.824



59, 59.685, 300.741



46, 4.815, 271.650



31, 74.394, 296.013



6, 26.529, 288.512

Inverse Universe

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



66, 44.435, 358.718



67, 56.947, 0.520



89, 53.182, 112.715



46, 5.410, 353.904



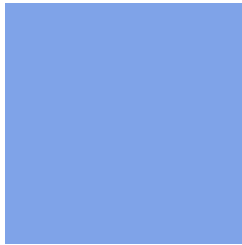
38, 66.575, 17.072



7, 27.823, 6.758

Previews

White Background



This preview shows how the CIE LCh color 67, 39.021, 278.420 looks on a white background.

Color Contrast Check

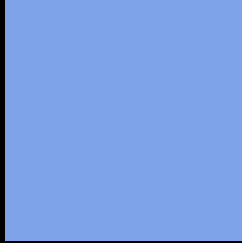
Large Text (above 18pt) WCAG AA × Fail

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, 39.021, 278.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

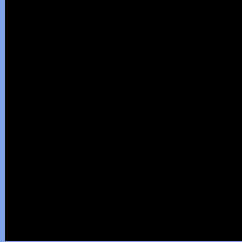
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

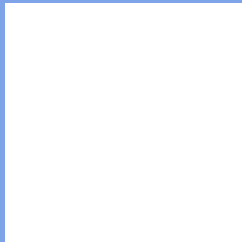
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 39.021, 278.420

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.021, 278.420.



This preview shows how white text looks on a background with the CIELCh color 67, 39.021, 278.420.

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

67, 39.021, 278.420

Protanopia

67, 38.880, 285.566

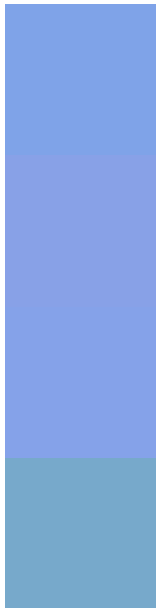
Deuteranopia

67, 40.134, 283.527



Tritanopia
67, 20.116, 220.808

Trichromacy



Original Color
67, 39.021, 278.420

Protanomaly
67, 39.068, 283.065

Deuteranomaly
67, 39.738, 281.698

Tritanomaly
67, 23.865, 250.977

Monochromacy



Original Color
67, 39.021, 278.420

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 14.455, 273.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.021, 278.420 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(127, 163, 232)` looks like.

```
.text, #text, p{  
    color:rgb(127, 163, 232)  
}
```

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(127, 163, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 163, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.021, 278.420 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(127, 163, 232) }
```

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

```
.border{ border-color:rgb(127, 163, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 163, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 163, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 163, 232);  
box-shadow:4px 4px 4px 4px rgb(127, 163,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.021, 278.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 163, 232) }
```

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

```
.background{ background-color: rgb(127,  
163, 232) }
```

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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