

Converting Colors

CIELCh(67, 36.592, 278.846)

Have a look what the booklet for
CIELCh(67, 36.592, 278.846)
contains.

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Color

CIELCh(67, 36.707, 278.739)

Conversions

Conversions Part 1

Format	Color
Hex	83A3E4
RGB	131, 163, 228
RGB Percent	51%, 64%, 89%
CMY	0.4862, 0.3607, 0.1058
CMYK	0.43, 0.29, 0.00, 0.11
HSL	220°, 64%, 70%
HSV	220°, 43%, 89%
XYZ	36.4714, 36.6320, 78.5640
YIQ	160.8420, -39.9370, 13.4310

Conversions

Conversions Part 2

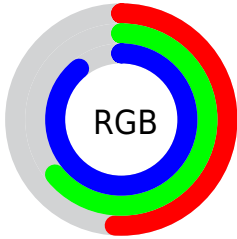
Format	Color
RYB	131, 155, 228
Decimal	8627172
CIELab	67.00, 5.58, -36.28
CIElCh	67, 36.707, 278.739
Yxy	36.6320, 0.2405, 0.2415
Android (android.graphics.Color)	4286817252 (0xFF83A3E4)
YUV	160.8420, 33.1089, -26.1714
Hunter-Lab	60.5244, 1.6448, -34.5947

Details

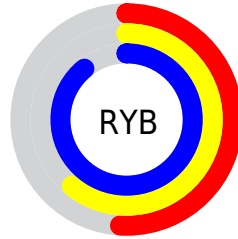
The CIELCh color `67, 36.707, 278.739` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `81, 36.882, 85.805`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 21.494, 264.226`, and `47, 36.336, 278.415` is the 20% darker color. If you saturate the color by 10%, you get `62, 45.762, 281.282`, and if you desaturate by 10%, it is `73, 27.835, 276.555`.

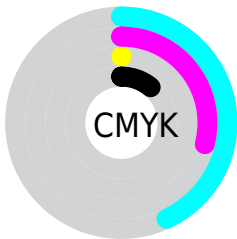
Distribution



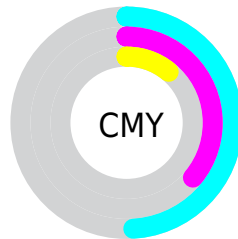
- Red (51%)
- Green (64%)
- Blue (89%)



- Red (51%)
- Yellow (61%)
- Blue (89%)



- Cyan (43%)
- Magenta (29%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (36%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 36.707, 278.739 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, 36.707, 278.739 by changing the saturation by 10% instead.

■ 67, 36.707,
278.739

■ 67, 36.707,
278.739

■ 100, 36.707,
278.739

■ 57, 36.707,
278.739

■ 87, 36.707,
278.739

■ 47, 36.707,
278.739

■ 97, 36.707,
278.739

■ 37, 36.707,
278.739

■ 27, 36.707,
278.739

■ 17, 36.707,
278.739

■ 7, 36.707, 278.739

■ 0, 36.707, 278.739

67, 36.707,
278.739

67, 36.707,
278.739

62, 45.762,
281.282

73, 27.835,
276.555

56, 55.040,
284.205

78, 19.122,
274.691

51, 64.577,
287.487

84, 10.555,
273.106

46, 74.374,
291.041

89, 2.127, 271.837

42, 84.318,
294.693

95, 6.163, 90.493

39, 91.671,
297.285

99, 13.504,
108.702

99, 13.651,
109.146

Harmonies

Complementary

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



67, 36.707, 278.739



81, 36.882, 85.805

Rectangle

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



67, 36.707, 278.739



67, 36.707, 328.739



67, 36.707, 98.739



67, 36.707, 148.739

Sweetspot

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



67, 36.706, 278.739



92, 11.987, 273.185



84, 36.699, 169.199



48, 8.402, 273.517



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, 36.706, 278.739



69, 48.580, 280.951



60, 55.070, 300.871



45, 4.796, 272.670



30, 75.059, 296.700



6, 25.575, 287.931

Inverse Universe

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



66, 41.004, 359.145



69, 53.743, 0.813



88, 49.566, 113.639



45, 5.276, 354.760



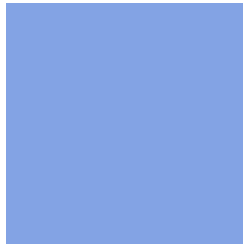
38, 66.178, 18.212



7, 26.699, 6.779

Previews

White Background



This preview shows how the CIELCh color 67, 36.707, 278.739 looks on a white background.

Color Contrast Check

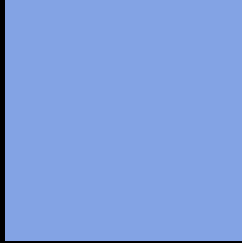
Large Text (above 18pt) WCAG AA × Fail

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, 36.707, 278.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

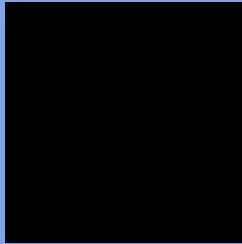
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

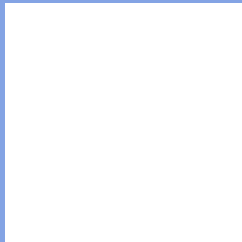
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 36.707, 278.739

Background



This preview shows how black text looks on a background with the CIELCh color 67, 36.707, 278.739.



This preview shows how white text looks on a background with the CIELCh color 67, 36.707, 278.739.

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, 36.707, 278.739

Protanopia

67, 36.657, 285.656

Deuteranopia

67, 37.875, 283.845



Tritanopia
67, 18.567, 222.960

Trichromacy



Original Color
67, 36.707, 278.739

Protanomaly
67, 36.805, 283.382

Deuteranomaly
67, 37.478, 281.870

Tritanomaly
67, 22.655, 252.776

Monochromacy



Original Color
67, 36.707, 278.739

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 13.302, 273.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 36.707, 278.739 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(131, 163, 228)` looks like.

```
.text, #text, p{  
    color:rgb(131, 163, 228)  
}
```

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(131, 163, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 163, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 36.707, 278.739 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(131, 163, 228) }
```

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

```
.border{ border-color:rgb(131, 163, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 163, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 163, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 163, 228);  
box-shadow:4px 4px 4px 4px rgb(131, 163,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 36.707, 278.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 163, 228) }
```

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

```
.background{ background-color: rgb(131,  
163, 228) }
```

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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