

Converting Colors

CIELCh(67, 40.910, 273.232)

Have a look what the booklet for
CIELCh(67, 40.910, 273.232)
contains.

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Color

CIELCh(67, 40.991, 273.507)

Conversions

Conversions Part 1

Format	Color
Hex	71A5EC
RGB	113, 165, 236
RGB Percent	44%, 65%, 93%
CMY	0.5555, 0.3517, 0.0732
CMYK	0.52, 0.30, 0.00, 0.07
HSL	215°, 77%, 69%
HSV	215°, 52%, 93%
XYZ	35.5548, 36.6320, 84.8103
YIQ	157.5460, -53.7830, 11.0570

Conversions

Conversions Part 2

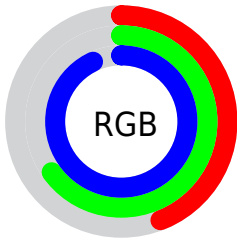
Format	Color
R _{YB}	113, 150, 236
Decimal	7448044
CIE Lab	67.00, 2.51, -40.91
CIE LCh	67, 40.991, 273.507
Yxy	36.6320, 0.2265, 0.2333
Android (android.graphics.Color)	4285638124 (0xFF71A5EC)
YUV	157.5460, 38.6778, -39.0668
Hunter-Lab	60.5244, -1.0584, -40.7136

Details

The CIELCh color **67, 40.991, 273.507** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **78, 44.258, 76.287**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 23.434, 250.821**, and **47, 40.881, 273.150** is the 20% darker color. If you saturate the color by 10%, you get **62, 48.939, 276.614**, and if you desaturate by 10%, it is **72, 33.087, 270.834**.

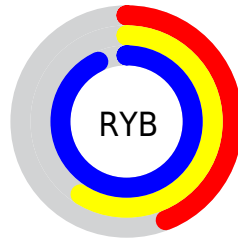
Distribution



Red (44%)

Green (65%)

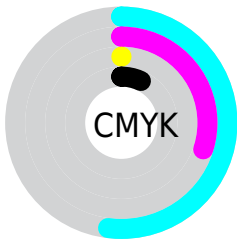
Blue (93%)



Red (44%)

Yellow (59%)

Blue (93%)

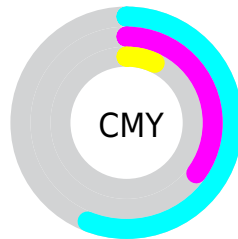


Cyan (52%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (56%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 40.991, 273.507 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, 40.991, 273.507 by changing the saturation by 10% instead.

■ 67, 40.991,
273.507

■ 67, 40.991,
273.507

■ 100, 40.991,
273.507

■ 57, 40.991,
273.507

■ 87, 40.991,
273.507

■ 47, 40.991,
273.507

■ 97, 40.991,
273.507

■ 37, 40.991,
273.507

■ 27, 40.991,
273.507

■ 17, 40.991,
273.507

■ 7, 40.991, 273.507

■ 0, 40.991, 273.507

67, 40.991,
273.507

67, 40.991,
273.507

62, 48.939,
276.614

72, 33.087,
270.834

57, 56.989,
280.154

77, 25.200,
268.559

53, 65.210,
284.066

82, 17.319,
266.632

49, 73.649,
288.204

87, 9.450, 265.008

46, 80.519,
291.448

92, 1.605, 263.790

98, 6.177, 82.768

100, 9.447,
109.462

Harmonies

Complementary

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



67, 40.991, 273.507



78, 44.258, 76.287

Rectangle

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



67, 40.991, 273.507



67, 40.991, 323.507



67, 40.991, 93.507



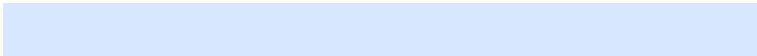
67, 40.991, 143.507

Sweetspot

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



67, 40.990, 273.507



91, 13.363, 265.628



86, 49.187, 161.659



47, 9.024, 265.964



0, 0.000, 0.000



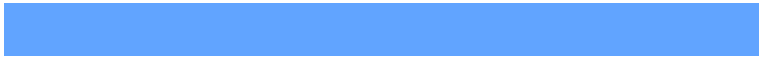
53, 0.007, 296.813

Same Dimension

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



67, 40.990, 273.507



67, 52.018, 276.685



54, 70.547, 299.579



46, 4.431, 264.637



35, 64.764, 290.711



8, 23.544, 283.288

Inverse Universe

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



64, 53.156, 354.442



64, 65.900, 356.546



91, 60.985, 108.402



46, 5.669, 348.848



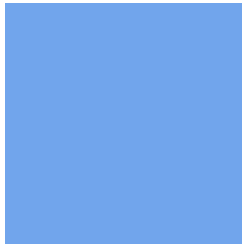
38, 65.371, 9.399



8, 28.055, 1.206

Previews

White Background



This preview shows how the CIELCh color 67, 40.991, 273.507 looks on a white background.

Color Contrast Check

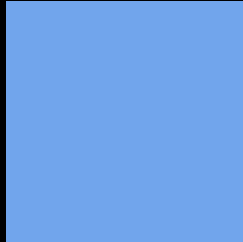
Large Text (above 18pt) WCAG AA × Fail

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, 40.991, 273.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

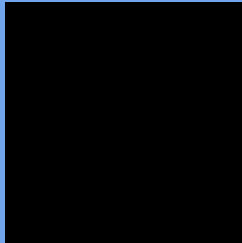
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

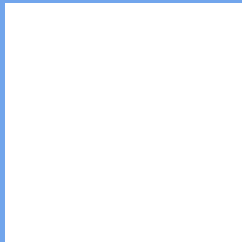
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 40.991, 273.507

Background



This preview shows how black text looks on a background with the CIELCh color 67, 40.991, 273.507.



This preview shows how white text looks on a background with the CIELCh color 67, 40.991, 273.507.

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, 40.991, 273.507

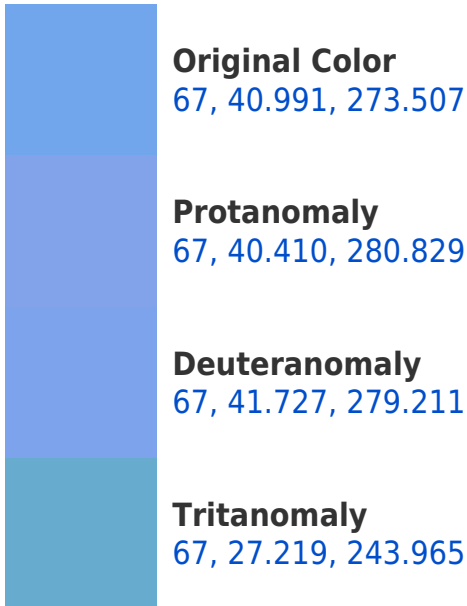
Protanopia
67, 39.990, 285.543

Deuteranopia
67, 42.470, 282.602

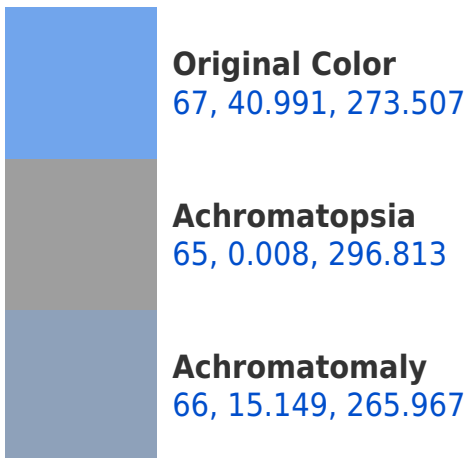


Tritanopia
67, 24.951, 215.830

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 40.991, 273.507 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(113, 165, 236)` looks like.

```
.text, #text, p{  
    color:rgb(113, 165, 236)  
}
```

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(113, 165, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 165, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 40.991, 273.507 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(113, 165, 236) }
```

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

```
.border{ border-color:rgb(113, 165, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 165, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 165, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 165, 236);  
box-shadow:4px 4px 4px 4px rgb(113, 165,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 40.991, 273.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 165, 236) }
```

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

```
.background{ background-color: rgb(113,  
165, 236) }
```

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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