

Converting Colors

CIELCh(67, 51.944, 284.280)

Have a look what the booklet for
CIELCh(67, 51.944, 284.280)
contains.

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Color

CIELCh(67, 52.311, 284.397)

Conversions

Conversions Part 1

Format	Color
Hex	7BA0FE
RGB	123, 160, 254
RGB Percent	48%, 63%, 100%
CMY	0.5165, 0.3716, 0.0028
CMYK	0.52, 0.37, 0.00, 0.00
HSL	223°, 99%, 74%
HSV	223°, 52%, 100%
XYZ	38.7548, 36.6320, 99.0241
YIQ	159.6530, -52.2260, 21.3900

Conversions

Conversions Part 2

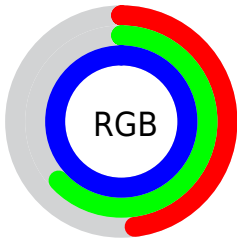
Format	Color
R _Y B	123, 152, 254
Decimal	8102142
CIE Lab	67.00, 13.01, -50.67
CIE LCh	67, 52.311, 284.397
Yxy	36.6320, 0.2222, 0.2100
Android (android.graphics.Color)	4286292222 (0xFF7BA0FE)
YUV	159.6530, 46.5131, -32.1447
Hunter-Lab	60.5244, 8.3790, -54.6376

Details

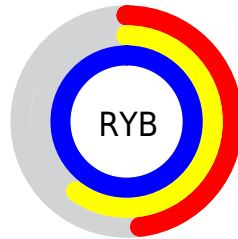
The CIELCh color **67, 52.311, 284.397** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **88, 50.686, 88.289**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 23.515, 266.362**, and **47, 52.433, 284.438** is the 20% darker color. If you saturate the color by 10%, you get **61, 63.321, 287.206**, and if you desaturate by 10%, it is **73, 41.624, 281.949**.

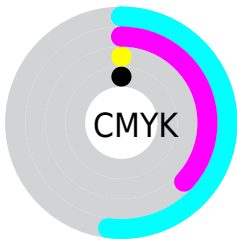
Distribution



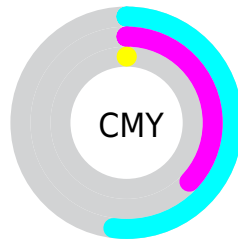
- Red (48%)
- Green (63%)
- Blue (100%)



- Red (48%)
- Yellow (60%)
- Blue (100%)



- Cyan (52%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 52.311, 284.397 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, 52.311, 284.397 by changing the saturation by 10% instead.

■ 67, 52.311,
284.397

■ 67, 52.311,
284.397

■ 100, 52.311,
284.397

■ 57, 52.311,
284.397

■ 87, 52.311,
284.397

■ 47, 52.311,
284.397

■ 97, 52.311,
284.397

■ 37, 52.311,
284.397

■ 27, 52.311,
284.397

■ 17, 52.311,
284.397

■ 7, 52.311, 284.397

■ 0, 52.311, 284.397

67, 52.311,
284.397

67, 52.311,
284.397

61, 63.321,
287.206

73, 41.624,
281.949

55, 74.677,
290.347

80, 31.225,
279.845

49, 86.312,
293.722

86, 21.079,
278.048

45, 97.965,
297.140

92, 11.163,
276.520

41, 107.461,
299.841

99, 1.464, 275.349

100, 0.356,
109.934

Harmonies

Complementary

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



67, 52.311, 284.397



88, 50.686, 88.289

Rectangle

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



67, 52.311, 284.397



67, 52.311, 334.397



67, 52.311, 104.397



67, 52.311, 154.397

Sweetspot

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



67, 52.310, 284.398



90, 14.626, 277.024



92, 45.384, 171.477



47, 10.001, 277.344



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, 52.310, 284.398



61, 64.011, 287.353



60, 74.062, 303.456



50, 5.513, 276.244



30, 85.270, 299.285



7, 34.209, 294.466

Inverse Universe

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



68, 53.589, 4.448



63, 64.035, 7.106



95, 65.078, 115.297



50, 5.617, 358.060



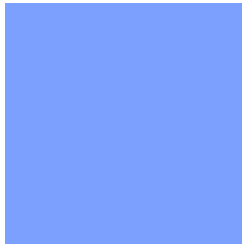
40, 71.323, 22.852



10, 31.538, 13.961

Previews

White Background



This preview shows how the CIELCh color 67, 52.311, 284.397 looks on a white background.

Color Contrast Check

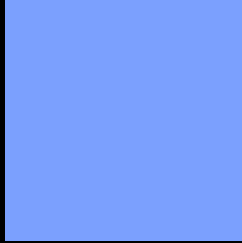
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 52.311, 284.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

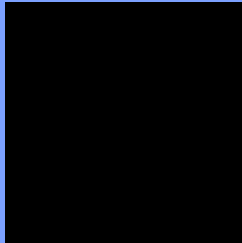
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

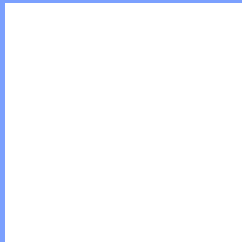
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 52.311, 284.397

Background



This preview shows how black text looks on a background with the CIELCh color 67, 52.311, 284.397.



This preview shows how white text looks on a background with the CIELCh color 67, 52.311, 284.397.

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, 52.311, 284.397

Protanopia

67, 52.165, 286.008

Deuteranopia

67, 51.592, 281.132



Tritanopia
67, 23.797, 216.841

Trichromacy



Original Color
67, 52.311, 284.397

Protanomaly
67, 52.228, 285.480

Deuteranomaly
67, 51.997, 282.388

Tritanomaly
67, 28.900, 254.471

Monochromacy



Original Color
67, 52.311, 284.397

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 19.231, 278.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 52.311, 284.397 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(123, 160, 254)` looks like.

```
.text, #text, p{  
    color:rgb(123, 160, 254)  
}
```

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(123, 160, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 160, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 52.311, 284.397 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(123, 160, 254) }
```

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

```
.border{ border-color:rgb(123, 160, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 160, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 160, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 160, 254);  
box-shadow:4px 4px 4px 4px rgb(123, 160,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 52.311, 284.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 160, 254) }
```

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

```
.background{ background-color: rgb(123,  
160, 254) }
```

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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