

Converting Colors

CIELCh(68, 65.303, 285.181)

Have a look what the booklet for
CIELCh(68, 65.303, 285.181)
contains.

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Color

CIELCh(67, 52.368, 279.989)

Conversions

Conversions Part 1

Format	Color
Hex	6DA3FF
RGB	109, 163, 255
RGB Percent	43%, 64%, 100%
CMY	0.5729, 0.3617, 0.0000
CMYK	0.57, 0.36, 0.00, 0.00
HSL	218°, 100%, 71%
HSV	218°, 57%, 100%
XYZ	37.5376, 36.6320, 100.4195
YIQ	157.3420, -61.7160, 17.1640

Conversions

Conversions Part 2

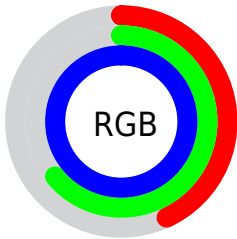
Format	Color
R _Y B	109, 148, 255
Decimal	7185407
CIE Lab	67.00, 9.08, -51.57
CIE LCh	67, 52.368, 279.989
Yxy	36.6320, 0.2150, 0.2098
Android (android.graphics.Color)	4285375487 (0xFF6DA3FF)
YUV	157.3420, 48.1454, -42.3959
Hunter-Lab	60.5244, 4.7893, -56.0045

Details

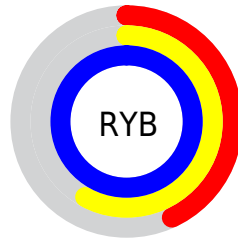
The CIELCh color **67, 52.368, 279.989** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **84, 53.476, 80.324**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.215, 252.701**, and **47, 51.851, 279.714** is the 20% darker color. If you saturate the color by 10%, you get **62, 61.471, 283.006**, and if you desaturate by 10%, it is **73, 42.583, 276.946**.

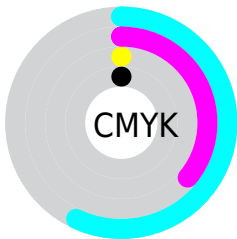
Distribution



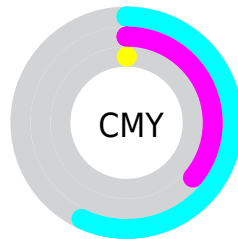
- Red (43%)
- Green (64%)
- Blue (100%)



- Red (43%)
- Yellow (58%)
- Blue (100%)



- Cyan (57%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 52.368, 279.989 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, 52.368, 279.989 by changing the saturation by 10% instead.

■ 67, 52.368,
279.989

■ 67, 52.368,
279.989

■ 100, 52.368,
279.989

■ 57, 52.368,
279.989

■ 87, 52.368,
279.989

■ 47, 52.368,
279.989

■ 97, 52.368,
279.989

■ 37, 52.368,
279.989

■ 27, 52.368,
279.989

■ 17, 52.368,
279.989

■ 7, 52.368, 279.989

■ 0, 52.368, 279.989

67, 52.368,
279.989

67, 52.368,
279.989

62, 61.471,
283.006

73, 42.583,
276.946

56, 71.257,
286.600

78, 33.382,
274.515

51, 81.301,
290.435

84, 24.296,
272.442

47, 91.492,
294.295

90, 15.311,
270.682

46, 94.253,
295.273

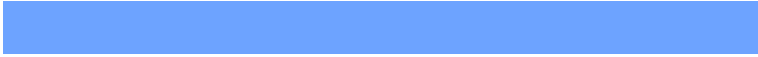
96, 6.425, 269.202

100, 0.012,
296.813

Harmonies

Complementary

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



67, 52.368, 279.989



84, 53.476, 80.324

Rectangle

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



67, 52.368, 279.989



67, 52.368, 329.989



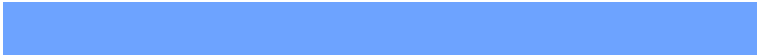
67, 52.368, 99.989



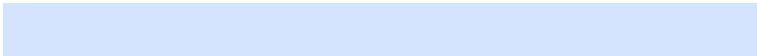
67, 52.368, 149.989

Sweetspot

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



67, 51.930, 279.773



90, 15.051, 270.635



91, 54.257, 163.826



47, 10.078, 270.964



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, 51.930, 279.773



61, 63.124, 283.596



55, 83.297, 301.721



50, 5.015, 269.504



34, 74.528, 294.596



9, 29.899, 289.149

Inverse Universe

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



66, 60.556, 359.362



61, 70.705, 2.434



96, 70.801, 110.399



50, 5.879, 352.215



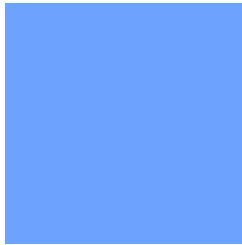
41, 68.826, 14.836



10, 31.286, 7.458

Previews

White Background



This preview shows how the CIELCh color 67, 52.368, 279.989 looks on a white background.

Color Contrast Check

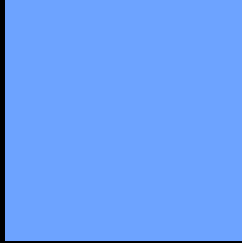
Large Text (above 18pt) WCAG AA × Fail

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, 52.368, 279.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

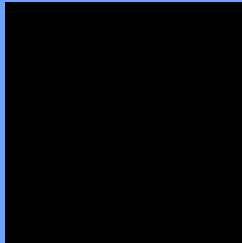
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

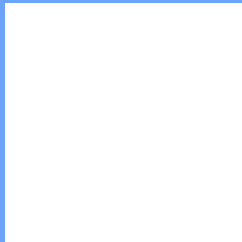
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 52.368, 279.989

Background



This preview shows how black text looks on a background with the CIELCh color 67, 52.368, 279.989.



This preview shows how white text looks on a background with the CIELCh color 67, 52.368, 279.989.

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, 51.807, 279.669

Protanopia
67, 51.633, 285.834

Deuteranopia
67, 52.195, 280.900



Tritanopia
67, 28.128, 213.480

Trichromacy



Original Color
67, 51.807, 279.669

Protanomaly
67, 51.855, 283.689

Deuteranomaly
67, 52.238, 280.669

Tritanomaly
67, 31.505, 247.738

Monochromacy



Original Color
67, 51.807, 279.669

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 19.734, 273.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 52.368, 279.989 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(109, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(109, 163, 255)  
}
```

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(109, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 163, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 52.368, 279.989 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(109, 163, 255) }
```

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

```
.border{ border-color:rgb(109, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(109, 163,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 52.368, 279.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 163, 255) }
```

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

```
.background{ background-color: rgb(109,  
163, 255) }
```

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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