

Converting Colors

CIELCh(67, 51.585, 270.680)

Have a look what the booklet for
CIELCh(67, 51.585, 270.680)
contains.

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Color

CIELCh(67, 51.092, 270.199)

Conversions

Conversions Part 1

Format	Color
Hex	4BA8FF
RGB	75, 168, 255
RGB Percent	29%, 66%, 100%
CMY	0.7068, 0.3419, 0.0008
CMYK	0.71, 0.34, 0.00, 0.00
HSL	209°, 100%, 65%
HSV	209°, 71%, 100%
XYZ	34.8694, 36.6320, 99.6748
YIQ	150.1110, -83.3550, 7.3410

Conversions

Conversions Part 2

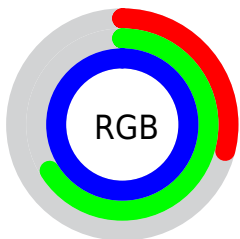
Format	Color
R_{YB}	75, 136, 255
Decimal	4958463
CIE Lab	67.00, 0.18, -51.09
CIE LCh	67, 51.092, 270.199
Yxy	36.6320, 0.2037, 0.2140
Android (android.graphics.Color)	4283148543 (0xFF4BA8FF)
YUV	150.1110, 51.7103, -65.8723
Hunter-Lab	60.5244, -3.0798, -55.2749

Details

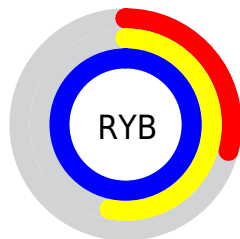
The CIELCh color **67, 51.092, 270.199** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **74, 64.034, 64.699**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 28.612, 234.483**, and **48, 50.319, 274.513** is the 20% darker color. If you saturate the color by 10%, you get **63, 57.793, 274.393**, and if you desaturate by 10%, it is **71, 44.346, 266.506**.

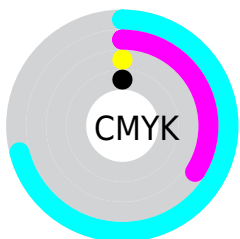
Distribution



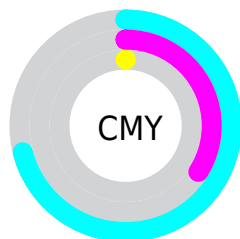
- Red (29%)
- Green (66%)
- Blue (100%)



- Red (29%)
- Yellow (53%)
- Blue (100%)



- Cyan (71%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (71%)
- Magenta (34%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.092, 270.199 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, 51.092, 270.199 by changing the saturation by 10% instead.

 67, 51.092,
270.199


 67, 51.092,
270.199


 100, 51.092,
270.199


 57, 51.092,
270.199


 87, 51.092,
270.199

 47, 51.092,
270.199

 97, 51.092,
270.199

 37, 51.092,
270.199

 27, 51.092,
270.199

 17, 51.092,
270.199

 7, 51.092, 270.199

 0, 51.092, 270.199

67, 51.092,
270.199

67, 51.092,
270.199

63, 57.793,
274.393

71, 44.346,
266.506

59, 64.579,
278.970

76, 37.466,
263.335

56, 71.121,
283.338

80, 30.404,
260.660

85, 23.155,
258.421

90, 15.736,
256.557

95, 8.179, 255.016

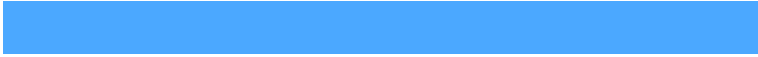
100, 0.519,
254.525

100, 0.088,
109.291

Harmonies

Complementary

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



67, 51.092, 270.199



74, 64.034, 64.699

Rectangle

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



67, 51.092, 270.199



67, 51.092, 320.199



67, 51.092, 90.199



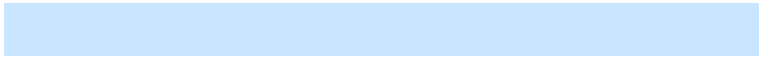
67, 51.092, 140.199

Sweetspot

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



67, 51.091, 270.200



90, 15.999, 256.614



90, 73.744, 153.273



46, 10.805, 257.098



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, 51.091, 270.200



61, 60.756, 276.343



45, 101.183, 301.142



51, 4.367, 254.858



42, 56.354, 282.479



12, 23.020, 275.792

Inverse Universe

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



61, 75.196, 351.847



57, 82.483, 355.702



96, 81.054, 102.116



50, 6.456, 343.498



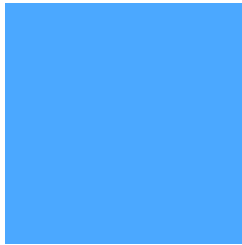
41, 68.457, 0.511



10, 32.038, 355.176

Previews

White Background



This preview shows how the CIE LCh color 67, 51.092, 270.199 looks on a white background.

Color Contrast Check

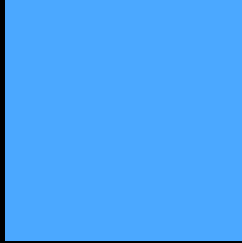
Large Text (above 18pt) WCAG AA × Fail

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, 51.092, 270.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

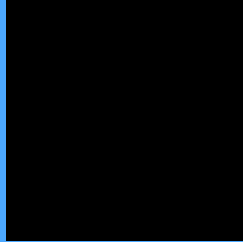
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

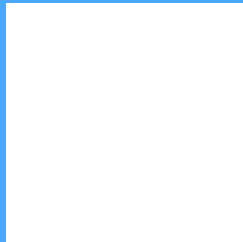
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 51.092, 270.199

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.092, 270.199.



This preview shows how white text looks on a background with the CIELCh color 67, 51.092, 270.199.

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](#).

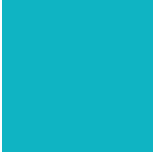
Dichromacy



Original Color
67, 51.092, 270.199

Protanopia
67, 48.872, 285.797

Deuteranopia
67, 52.238, 280.669



Tritanopia
67, 36.723, 209.924

Trichromacy



Original Color
67, 51.092, 270.199

Protanomaly
67, 49.660, 279.393

Deuteranomaly
67, 51.818, 276.736

Tritanomaly
67, 37.359, 235.245

Monochromacy



Original Color
67, 51.092, 270.199

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 20.525, 260.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.092, 270.199 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(75, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(75, 168, 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(75, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 168, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.092, 270.199 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(75, 168, 255) }
```

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

```
.border{ border-color:rgb(75, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(75, 168,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.092, 270.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 168, 255) }
```

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

```
.background{ background-color: rgb(75, 168,  
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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