

Converting Colors

CIELCh(67, 52.318, 262.976)

Have a look what the booklet for
CIELCh(67, 52.318, 262.976)
contains.

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Color

CIELCh(67, 51.970, 262.711)

Conversions

Conversions Part 1

Format	Color
Hex	0BABFF
RGB	11, 171, 255
RGB Percent	4%, 67%, 100%
CMY	0.9557, 0.3275, 0.0000
CMYK	0.96, 0.33, 0.00, 0.00
HSL	201°, 100%, 52%
HSV	201°, 96%, 100%
XYZ	32.9277, 36.6320, 100.3822
YIQ	132.7360, -122.3240, -7.7960

Conversions

Conversions Part 2

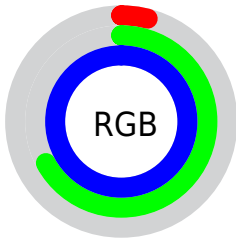
Format	Color
R _Y B	11, 108, 255
Decimal	764927
CIE Lab	67.00, -6.59, -51.55
CIE LCh	67, 51.970, 262.711
Yxy	36.6320, 0.1938, 0.2156
Android (android.graphics.Color)	4278955007 (0xFF0BABFF)
YUV	132.7360, 60.2762, -106.7625
Hunter-Lab	60.5244, -8.8063, -55.9679

Details

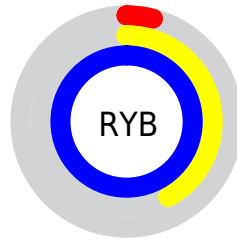
The CIELCh color **67, 51.970, 262.711** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **61, 90.066, 49.766**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 33.900, 224.652**, and **49, 48.788, 272.468** is the 20% darker color. If you saturate the color by 10%, you get **66, 53.378, 264.767**, and if you desaturate by 10%, it is **70, 48.133, 257.426**.

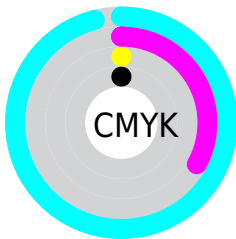
Distribution



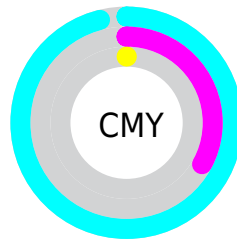
- Red (4%)
- Green (67%)
- Blue (100%)



- Red (4%)
- Yellow (42%)
- Blue (100%)



- Cyan (96%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (96%)
- Magenta (33%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.970, 262.711 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, 51.970, 262.711 by changing the saturation by 10% instead.


 67, 51.970,
262.711


 67, 51.970,
262.711


 100, 51.970,
262.711


 57, 51.970,
262.711


 87, 51.970,
262.711

 47, 51.970,
262.711

 97, 51.970,
262.711

 37, 51.970,
262.711

 27, 51.970,
262.711

 17, 51.970,
262.711

 7, 51.970, 262.711

 0, 51.970, 262.711

■ 67, 51.970,
262.711

■ 67, 51.970,
262.711

■ 66, 53.378,
264.767

■ 70, 48.133,
257.426

■ 73, 44.287,
252.965

■ 76, 40.029,
249.173

■ 79, 35.252,
246.035

■ 83, 29.927,
243.482

■ 86, 24.078,
241.427

■ 90, 17.764,
239.782

■ 94, 11.056,

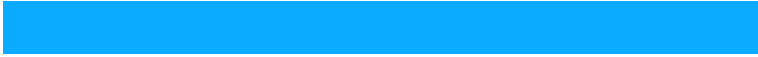
238.476

 98, 4.030, 237.504

Harmonies

Complementary

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



67, 51.970, 262.711



61, 90.066, 49.766

Rectangle

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



67, 51.970, 262.711



67, 51.970, 312.711



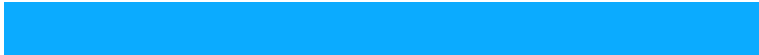
67, 51.970, 82.711



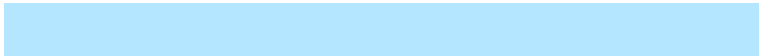
67, 51.970, 132.711

Sweetspot

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



67, 51.753, 262.470



89, 19.979, 240.305



88, 101.921, 142.665



46, 13.557, 241.015



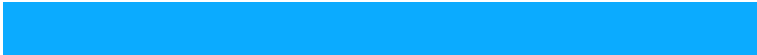
0, 0.000, 0.000



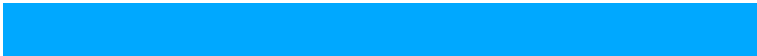
53, 0.007, 296.813

Same Dimension

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



67, 51.753, 262.470



66, 53.378, 264.767



37, 118.439, 302.943



51, 4.085, 237.836



50, 42.518, 263.788



16, 18.210, 256.535

Inverse Universe

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



57, 89.634, 347.604



56, 89.623, 348.697



87, 86.088, 91.015



50, 7.120, 336.715



42, 72.427, 348.220



11, 34.156, 345.051

Previews

White Background



This preview shows how the CIE LCh color 67, 51.970, 262.711 looks on a white background.

Color Contrast Check

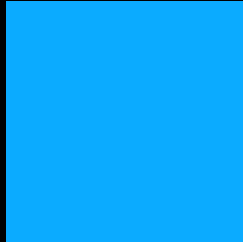
Large Text (above 18pt) WCAG AA × Fail

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, 51.970, 262.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

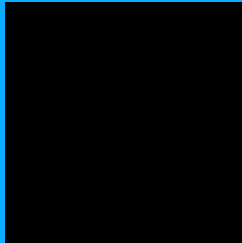
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

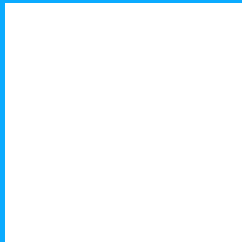
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 51.970, 262.711

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.970, 262.711.

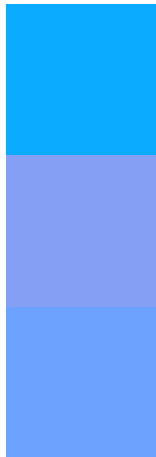


This preview shows how white text looks on a background with the CIELCh color 67, 51.970, 262.711.

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](#).

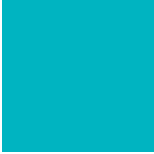
Dichromacy



Original Color
67, 51.937, 262.786

Protanopia
67, 47.238, 285.557

Deuteranopia
67, 52.281, 280.440

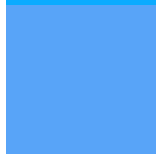


Tritanopia
67, 37.282, 207.892

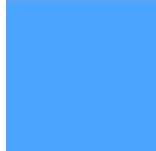
Trichromacy



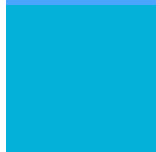
Original Color
67, 51.937, 262.786



Protanomaly
66, 48.885, 272.425



Deuteranomaly
66, 52.491, 271.918



Tritanomaly
67, 38.412, 231.825

Monochromacy



Original Color
67, 51.937, 262.786



Achromatopsia
56, 0.007, 296.813



Achromatomaly
58, 24.002, 243.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.970, 262.711 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(11, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(11, 171, 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(11, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 171, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.970, 262.711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

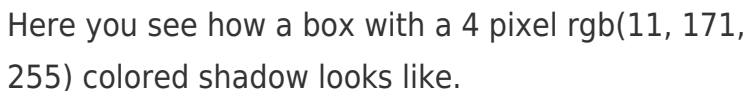
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(11, 171, 255) }
```

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

```
.border{ border-color:rgb(11, 171, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(11, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(11, 171,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.970, 262.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 171, 255) }
```

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

```
.background{ background-color: rgb(11, 171,  
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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