

Converting Colors

CIELCh(67, 52.115, 262.615)

Have a look what the booklet for
CIELCh(67, 52.115, 262.615)
contains.

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Color

CIELCh(67, 51.628, 261.957)

Conversions

Conversions Part 1

Format	Color
Hex	03ACFF
RGB	3, 172, 255
RGB Percent	1%, 67%, 100%
CMY	0.9868, 0.3265, 0.0011
CMYK	0.99, 0.33, 0.00, 0.00
HSL	200°, 100%, 51%
HSV	200°, 99%, 100%
XYZ	32.7509, 36.6320, 99.7186
YIQ	130.9310, -127.3670, -10.0150

Conversions

Conversions Part 2

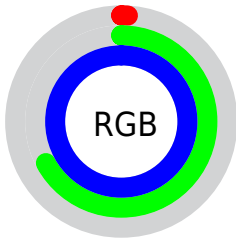
Format	Color
R _Y B	3, 104, 255
Decimal	240895
CIE Lab	67.00, -7.22, -51.12
CIE LCh	67, 51.628, 261.957
Yxy	36.6320, 0.1937, 0.2166
Android (android.graphics.Color)	4278430975 (0xFF03ACFF)
YUV	130.9310, 61.1660, -112.1955
Hunter-Lab	60.5244, -9.3279, -55.3178

Details

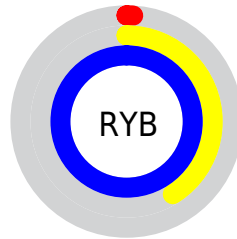
The CIELCh color **67, 51.628, 261.957** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **60, 92.701, 48.463**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 34.135, 223.403**, and **49, 48.292, 271.763** is the 20% darker color. If you saturate the color by 10%, you get **67, 52.080, 262.630**, and if you desaturate by 10%, it is **70, 48.300, 256.825**.

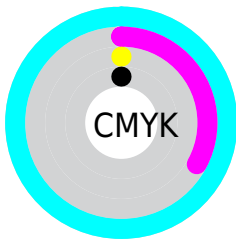
Distribution



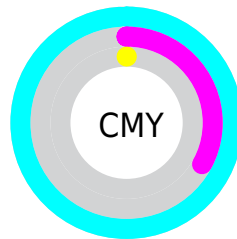
- Red (1%)
- Green (67%)
- Blue (100%)



- Red (1%)
- Yellow (41%)
- Blue (100%)



- Cyan (99%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (99%)
- Magenta (33%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.628, 261.957 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, 51.628, 261.957 by changing the saturation by 10% instead.


 67, 51.628,
261.957


 67, 51.628,
261.957


 100, 51.628,
261.957


 57, 51.628,
261.957


 87, 51.628,
261.957

 47, 51.628,
261.957

 97, 51.628,
261.957

 37, 51.628,
261.957

 27, 51.628,
261.957

 17, 51.628,
261.957

 7, 51.628, 261.957

 0, 51.628, 261.957

■ 67, 51.628,
261.957

■ 67, 51.628,
261.957

■ 67, 52.080,
262.630

■ 70, 48.300,
256.825

■ 72, 44.790,
252.216

■ 75, 40.874,
248.281

■ 79, 36.423,
245.019

■ 82, 31.391,
242.365

■ 85, 25.792,
240.234

■ 89, 19.683,
238.533

■ 93, 13.136,

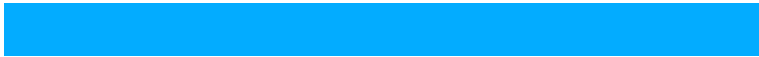
237.187

■ 97, 6.231, 236.151

Harmonies

Complementary

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



67, 51.628, 261.957



60, 92.701, 48.463

Rectangle

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



67, 51.628, 261.957



67, 51.628, 311.957



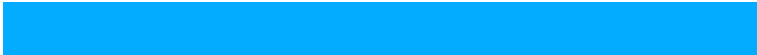
67, 51.628, 81.957



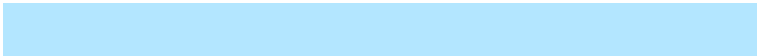
67, 51.628, 131.957

Sweetspot

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



67, 51.627, 261.958



89, 20.534, 238.736



88, 104.967, 141.491



46, 13.845, 239.427



0, 0.000, 0.000



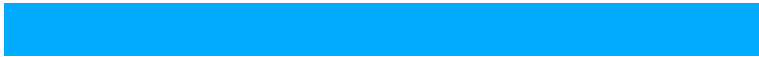
53, 0.007, 296.813

Same Dimension

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



67, 51.627, 261.958



67, 52.125, 262.634



37, 119.576, 303.150



51, 4.078, 236.223



51, 41.552, 261.654



16, 17.897, 254.440

Inverse Universe

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



56, 90.205, 347.365



56, 90.277, 347.675



85, 85.707, 89.188



50, 7.184, 336.170



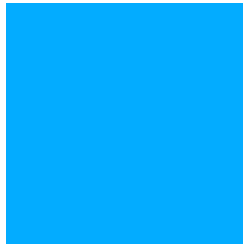
42, 72.957, 347.226



11, 34.400, 344.234

Previews

White Background



This preview shows how the CIE LCh color 67, 51.628, 261.957 looks on a white background.

Color Contrast Check

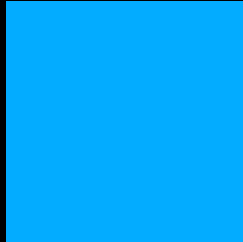
Large Text (above 18pt) WCAG AA × Fail

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, 51.628, 261.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

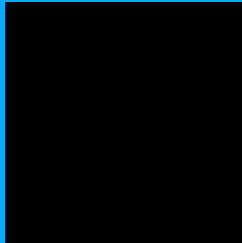
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

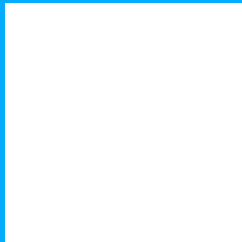
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 51.628, 261.957

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.628, 261.957.

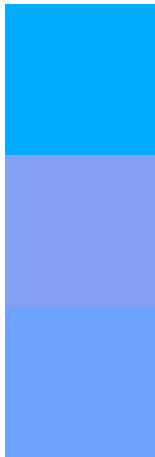


This preview shows how white text looks on a background with the CIELCh color 67, 51.628, 261.957.

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](#).

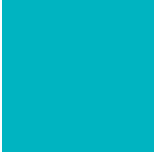
Dichromacy



Original Color
67, 51.651, 261.907

Protanopia
67, 47.238, 285.557

Deuteranopia
67, 52.281, 280.440



Tritanopia
67, 37.282, 207.892

Trichromacy



Original Color
67, 51.651, 261.907



Protanomaly
66, 49.050, 271.847



Deuteranomaly
66, 52.174, 270.866



Tritanomaly
67, 38.314, 230.894

Monochromacy



Original Color
67, 51.651, 261.907



Achromatopsia
55, 0.007, 296.813



Achromatomaly
58, 24.520, 242.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.628, 261.957 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(3, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(3, 172, 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(3, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 172, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.628, 261.957 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(3, 172, 255) }
```

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

```
.border{ border-color:rgb(3, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(3, 172,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.628, 261.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 172, 255) }
```

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

```
.background{ background-color: rgb(3, 172,  
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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