

Converting Colors

CIELCh(67, 51.379, 261.260)

Have a look what the booklet for
CIELCh(67, 51.379, 261.260)
contains.

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Color

CIELCh(67, 51.277, 261.356)

Conversions

Conversions Part 1

Format	Color
Hex	00ACFE
RGB	0, 172, 254
RGB Percent	0%, 67%, 100%
CMY	1.0000, 0.3257, 0.0042
CMYK	1.00, 0.32, 0.00, 0.00
HSL	199°, 100%, 50%
HSV	199°, 100%, 100%
XYZ	32.6156, 36.6320, 99.0645
YIQ	129.9200, -128.8340, -10.9620

Conversions

Conversions Part 2

Format	Color
RYB	0, 103, 254
Decimal	44286
CIELab	67.00, -7.71, -50.69
CIELCh	67, 51.277, 261.356
Yxy	36.6320, 0.1938, 0.2176
Android (android.graphics.Color)	4278234366 (0xFF00ACFE)
YUV	129.9200, 61.1714, -113.9398
Hunter-Lab	60.5244, -9.7267, -54.6771

Details

The CIELCh color **67, 51.277, 261.356** 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 **59, 93.763, 47.897**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 34.310, 223.253**, and **49, 47.799, 271.309** is the 20% darker color. If you saturate the color by 10%, you get **67, 51.272, 261.365**, and if you desaturate by 10%, it is **70, 48.103, 256.231**.

Distribution



- Red (0%)
- Green (67%)
- Blue (100%)



- Red (0%)
- Yellow (40%)
- Blue (100%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (100%)
- Magenta (33%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 51.277, 261.356 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, 51.277, 261.356 by changing the saturation by 10% instead.

 67, 51.277,
261.356

 67, 51.277,
261.356


 100, 51.277,
261.356

 57, 51.277,
261.356


 87, 51.277,
261.356

 47, 51.277,
261.356

 97, 51.277,
261.356

 37, 51.277,
261.356

 27, 51.277,
261.356

 17, 51.277,
261.356

 7, 51.277, 261.356

 0, 51.277, 261.356

■ 67, 51.277,
261.356

■ 67, 51.277,
261.356

■ 67, 51.272,
261.365

■ 70, 48.103,
256.231

■ 72, 44.778,
251.574

■ 75, 41.044,
247.593

■ 78, 36.766,
244.291

■ 81, 31.888,
241.608

■ 85, 26.424,
239.456

■ 88, 20.427,
237.743

■ 92, 13.971,

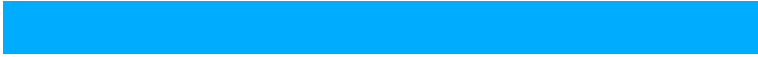
236.389

■ 96, 7.138, 235.343

Harmonies

Complementary

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



67, 51.277, 261.356



59, 93.763, 47.897

Rectangle

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



67, 51.277, 261.356



67, 51.277, 311.356



67, 51.277, 81.356



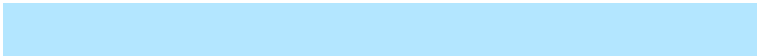
67, 51.277, 131.356

Sweetspot

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



67, 51.272, 261.365



89, 20.495, 237.744



88, 105.469, 141.245



46, 13.814, 238.418



0, 0.000, 0.000



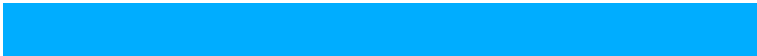
53, 0.007, 296.813

Same Dimension

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



67, 51.272, 261.365



67, 51.441, 261.378



36, 120.587, 303.425



51, 4.076, 235.300



51, 41.025, 260.400



16, 17.729, 253.218

Inverse Universe

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



56, 90.382, 347.095



56, 90.665, 347.101



85, 85.699, 89.000



50, 7.221, 335.862



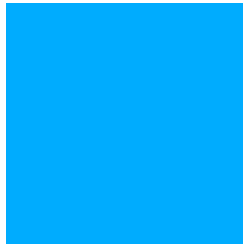
42, 73.270, 346.667



11, 34.544, 343.775

Previews

White Background



This preview shows how the CIE LCh color 67, 51.277, 261.356 looks on a white background.

Color Contrast Check

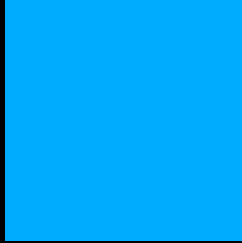
Large Text (above 18pt) WCAG AA × Fail

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, 51.277, 261.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

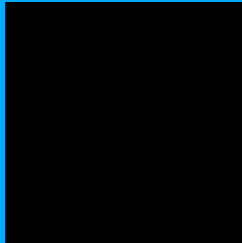
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

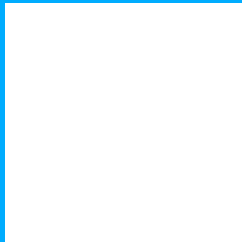
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 51.277, 261.356

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.277, 261.356.



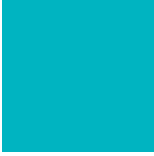
This preview shows how white text looks on a background with the CIELCh color 67, 51.277, 261.356.

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





Tritanopia
67, 37.282, 207.892

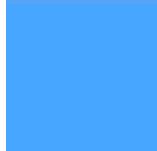
Trichromacy



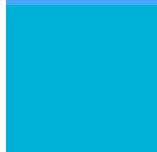
Original Color
67, 51.277, 261.356



Protanomaly
66, 48.570, 271.472



Deuteranomaly
66, 52.174, 270.866



Tritanomaly
67, 38.338, 230.868

Monochromacy



Original Color
67, 51.277, 261.356



Achromatopsia
54, 0.007, 296.813



Achromatomaly
57, 24.691, 242.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.277, 261.356 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(0, 172, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 172, 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(0, 172, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 172, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.277, 261.356 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(0, 172, 254) }
```

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

```
.border{ border-color:rgb(0, 172, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 172, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 172, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 172, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 172,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.277, 261.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 172, 254) }
```

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

```
.background{ background-color: rgb(0, 172,  
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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