

Converting Colors

CIELCh(66, 51.532, 262.685)

Have a look what the booklet for
CIELCh(66, 51.532, 262.685)
contains.

CIELCh(66, 51.513, 262.597)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	26

Color

CIELCh(66, 51.513, 262.597)

Conversions

Conversions Part 1

Format	Color
Hex	03A9FC
RGB	3, 169, 252
RGB Percent	1%, 66%, 99%
CMY	0.9863, 0.3382, 0.0128
CMYK	0.99, 0.33, 0.00, 0.01
HSL	200°, 97%, 50%
HSV	200°, 99%, 99%
XYZ	31.7181, 35.3238, 97.0312
YIQ	128.8280, -125.5790, -9.3790

Conversions

Conversions Part 2

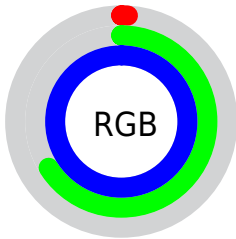
Format	Color
R _Y B	3, 103, 252
Decimal	240124
CIE Lab	66.00, -6.64, -51.08
CIE LCh	66, 51.513, 262.597
Yxy	35.3238, 0.1933, 0.2153
Android (android.graphics.Color)	4278430204 (0xFF03A9FC)
YUV	128.8280, 60.7238, -110.3512
Hunter-Lab	59.4338, -8.7491, -55.1927

Details

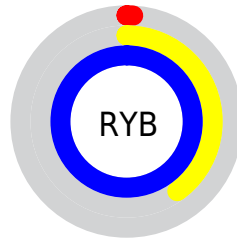
The CIELCh color **66, 51.513, 262.597** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **59, 91.595, 48.716**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 34.160, 226.520**, and **48, 48.294, 272.552** is the 20% darker color. If you saturate the color by 10%, you get **66, 51.997, 263.304**, and if you desaturate by 10%, it is **69, 48.125, 257.465**.

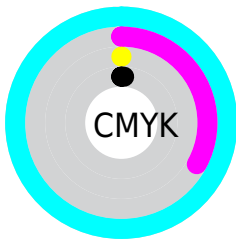
Distribution



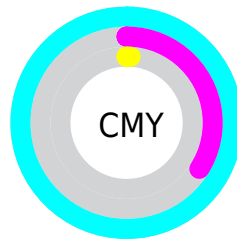
- Red (1%)
- Green (66%)
- Blue (99%)



- Red (1%)
- Yellow (40%)
- Blue (99%)



- Cyan (99%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)





- Cyan (99%)
- Magenta (34%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 51.513, 262.597 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 66, 51.513, 262.597 by changing the saturation by 10% instead.


 66, 51.513,
262.597


 66, 51.513,
262.597


 100, 51.513,
262.597


 56, 51.513,
262.597


 86, 51.513,
262.597

 46, 51.513,
262.597


 96, 51.513,
262.597

 36, 51.513,
262.597

 26, 51.513,
262.597

 16, 51.513,
262.597

 6, 51.513, 262.597

 0, 51.513, 262.597

■ 66, 51.513,
262.597

■ 66, 51.513,
262.597

■ 66, 51.997,
263.304

■ 69, 48.125,
257.465

■ 71, 44.568,
252.849

■ 74, 40.621,
248.901

■ 78, 36.158,
245.623

■ 81, 31.130,
242.952

■ 84, 25.552,
240.803

■ 88, 19.476,
239.086

■ 92, 12.976,

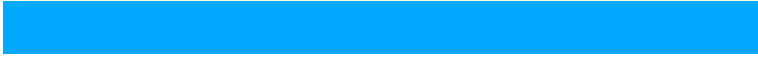
237.724

■ 96, 6.127, 236.673

Harmonies

Complementary

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



66, 51.513, 262.597



59, 91.595, 48.716

Rectangle

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



66, 51.513, 262.597



66, 51.513, 312.597



66, 51.513, 82.597



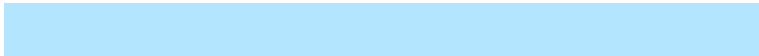
66, 51.513, 132.597

Sweetspot

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



66, 51.512, 262.598



88, 20.559, 239.305



87, 102.679, 142.060



46, 13.864, 240.004



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 51.512, 262.598



66, 52.528, 263.342



36, 120.295, 303.592



50, 4.013, 236.751



50, 41.423, 262.311



15, 17.465, 254.717

Inverse Universe

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



56, 89.195, 347.660



56, 90.059, 348.008



85, 85.666, 90.625



49, 7.045, 336.346



42, 72.069, 347.526



10, 33.463, 344.340

Previews

White Background



This preview shows how the CIE LCh color 66, 51.513, 262.597 looks on a white background.

Color Contrast Check

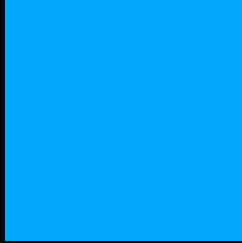
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 51.513, 262.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

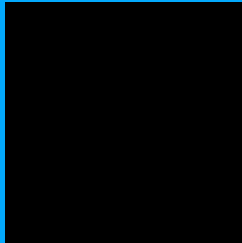
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

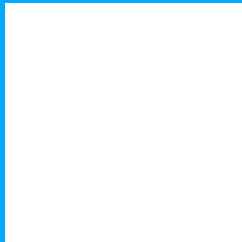
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 51.513, 262.597

Background



This preview shows how black text looks on a background with the CIELCh color 66, 51.513, 262.597.

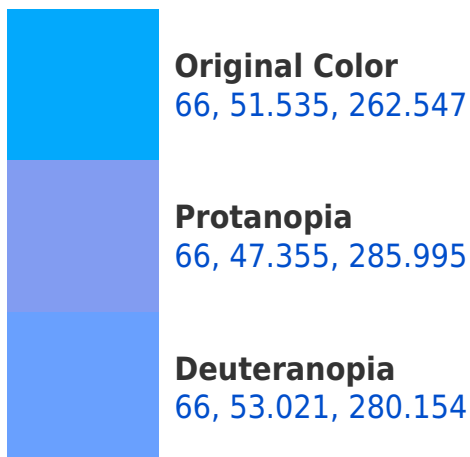


This preview shows how white text looks on a background with the CIELCh color 66, 51.513, 262.597.

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



Trichromacy



Original Color
66, 51.535, 262.547

Protanomaly
65, 49.035, 272.501

Deuteranomaly
65, 52.724, 271.563

Monochromacy



Original Color
66, 51.535, 262.547

Achromatopsia
54, 0.007, 296.813

Achromatomaly
57, 24.684, 244.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 51.513, 262.597 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, 169, 252)` looks like.

```
.text, #text, p{  
    color:rgb(3, 169, 252)  
}
```

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, 169, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 169, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 51.513, 262.597 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, 169, 252) }
```

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

```
.border{ border-color:rgb(3, 169, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 169, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 169, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 169, 252);  
box-shadow:4px 4px 4px 4px rgb(3, 169,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 51.513, 262.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 169, 252) }
```

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

```
.background{ background-color: rgb(3, 169,  
252) }
```

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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