

Converting Colors

CIELCh(67, 48.593, 257.424)

Have a look what the booklet for
CIELCh(67, 48.593, 257.424)
contains.

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Color

CIELCh(67, 48.564, 257.587)

Conversions

Conversions Part 1

Format	Color
Hex	00ADF8
RGB	0, 173, 248
RGB Percent	0%, 68%, 97%
CMY	1.0000, 0.3218, 0.0277
CMYK	1.00, 0.30, 0.00, 0.03
HSL	198°, 100%, 49%
HSV	198°, 100%, 97%
XYZ	31.8578, 36.6320, 94.1402
YIQ	129.8230, -127.1830, -13.3510

Conversions

Conversions Part 2

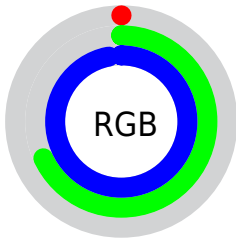
Format	Color
RYB	0, 102, 248
Decimal	44536
CIELab	67.00, -10.44, -47.43
CIELCh	67, 48.564, 257.587
Yxy	36.6320, 0.1959, 0.2252
Android (android.graphics.Color)	4278234616 (0xFF00ADF8)
YUV	129.8230, 58.2613, -113.8548
Hunter-Lab	60.5244, -11.9618, -49.8532

Details

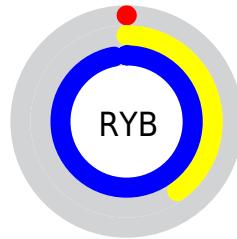
The CIELCh color **67, 48.564, 257.587** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **57, 93.062, 46.943**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 34.557, 222.033**, and **49, 44.436, 267.583** is the 20% darker color. If you saturate the color by 10%, you get **67, 48.558, 257.597**, and if you desaturate by 10%, it is **69, 45.878, 252.554**.

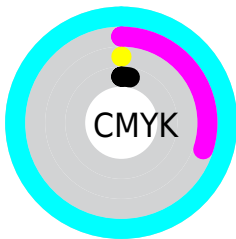
Distribution



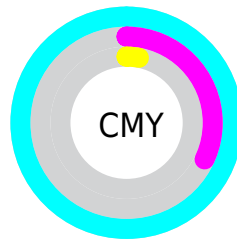
- Red (0%)
- Green (68%)
- Blue (97%)



- Red (0%)
- Yellow (40%)
- Blue (97%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 48.564, 257.587 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, 48.564, 257.587 by changing the saturation by 10% instead.

 67, 48.564,
257.587


 67, 48.564,
257.587


 100, 48.564,
257.587

 57, 48.564,
257.587


 87, 48.564,
257.587

 47, 48.564,
257.587

 97, 48.564,
257.587

 37, 48.564,
257.587

 27, 48.564,
257.587

 17, 48.564,
257.587

 7, 48.564, 257.587

 0, 48.564, 257.587

■ 67, 48.564,
257.587

■ 67, 48.564,
257.587

■ 67, 48.558,
257.597

■ 69, 45.878,
252.554

■ 72, 42.976,
248.032

■ 74, 39.600,
244.205

■ 77, 35.624,
241.061

■ 80, 31.005,
238.526

■ 84, 25.764,
236.508

■ 87, 19.962,
234.916

■ 90, 13.678,

233.671

■ 94, 6.999, 232.723

Harmonies

Complementary

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



67, 48.564, 257.587



57, 93.062, 46.943

Rectangle

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



67, 48.564, 257.587



67, 48.564, 307.587



67, 48.564, 77.587



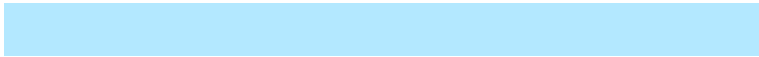
67, 48.564, 127.587

Sweetspot

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



67, 48.558, 257.597



89, 20.419, 234.923



86, 104.734, 140.763



46, 13.750, 235.549



0, 0.000, 0.000



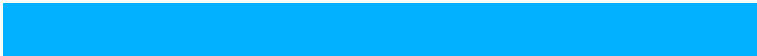
53, 0.007, 296.813

Same Dimension

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



67, 48.558, 257.597



69, 49.641, 257.681



36, 116.346, 302.901



50, 4.008, 232.684



52, 39.231, 256.660



16, 16.799, 249.265

Inverse Universe

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



55, 89.908, 345.480



57, 91.818, 345.514



82, 83.515, 87.554



49, 7.207, 335.009



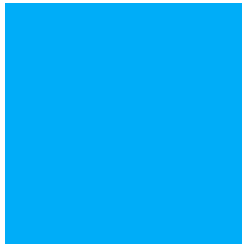
42, 73.474, 345.101



10, 34.089, 342.366

Previews

White Background



This preview shows how the CIELCh color 67, 48.564, 257.587 looks on a white background.

Color Contrast Check

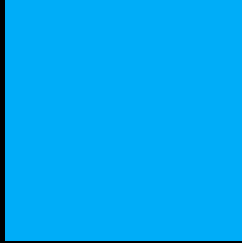
Large Text (above 18pt) WCAG AA × Fail

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, 48.564, 257.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

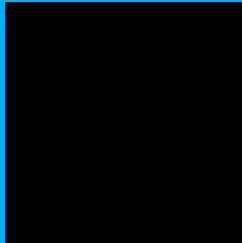
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

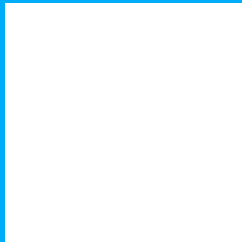
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 48.564, 257.587

Background



This preview shows how black text looks on a background with the CIELCh color 67, 48.564, 257.587.

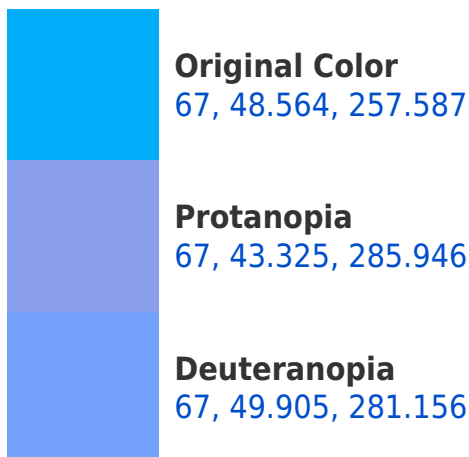


This preview shows how white text looks on a background with the CIELCh color 67, 48.564, 257.587.

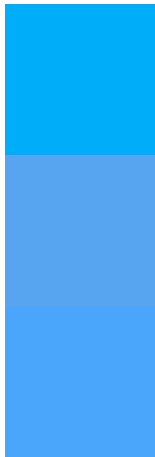
Color Blindness Simulation

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
67, 48.564, 257.587

Protanomaly
66, 45.602, 269.489

Deuteranomaly
66, 49.689, 269.395

Monochromacy



Original Color
67, 48.564, 257.587

Achromatopsia
54, 0.007, 296.813

Achromatomaly
57, 23.974, 238.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 48.564, 257.587 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, 173, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 248)  
}
```

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, 173, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 48.564, 257.587 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, 173, 248) }
```

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

```
.border{ border-color:rgb(0, 173, 248) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 48.564, 257.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 248) }
```

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

```
.background{ background-color: rgb(0, 173,  
248) }
```

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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