

Converting Colors

CIELCh(69, 48.518, 255.925)

Have a look what the booklet for
CIELCh(69, 48.518, 255.925)
contains.

CIELCh(69, 48.483, 255.872)	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>	27

Color

CIELCh(69, 48.483, 255.872)

Conversions

Conversions Part 1

Format	Color
Hex	04B3FD
RGB	4, 179, 253
RGB Percent	2%, 70%, 99%
CMY	0.9847, 0.2981, 0.0080
CMYK	0.98, 0.29, 0.00, 0.01
HSL	198°, 98%, 50%
HSV	198°, 98%, 99%
XYZ	33.8878, 39.3444, 98.7126
YIQ	135.1110, -128.0540, -14.0860

Conversions

Conversions Part 2

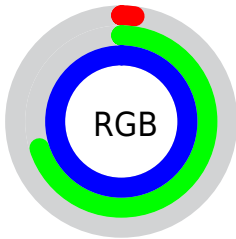
Format	Color
R_{YB}	4, 107, 253
Decimal	308221
CIE Lab	69.00, -11.83, -47.02
CIE LCh	69, 48.483, 255.872
Yxy	39.3444, 0.1971, 0.2288
Android (android.graphics.Color)	4278498301 (0xFF04B3FD)
YUV	135.1110, 58.1193, -114.9843
Hunter-Lab	62.7251, -13.3328, -49.3991

Details

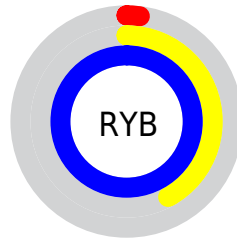
The CIELCh color **69, 48.483, 255.872** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **58, 93.711, 46.835**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 35.014, 214.950**, and **51, 44.113, 265.404** is the 20% darker color. If you saturate the color by 10%, you get **69, 48.894, 256.647**, and if you desaturate by 10%, it is **71, 45.869, 250.881**.

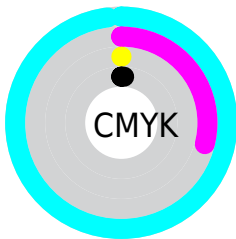
Distribution



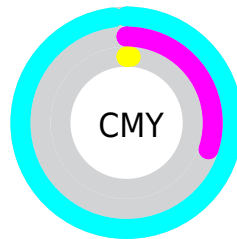
- Red (2%)
- Green (70%)
- Blue (99%)



- Red (2%)
- Yellow (42%)
- Blue (99%)



- Cyan (98%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)





- Cyan (98%)
- Magenta (30%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 48.483, 255.872 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 69, 48.483, 255.872 by changing the saturation by 10% instead.

 69, 48.483,
255.872


 69, 48.483,
255.872

 100, 48.483,
255.872

 59, 48.483,
255.872


 89, 48.483,
255.872

 49, 48.483,
255.872

 99, 48.483,
255.872

 39, 48.483,
255.872

 29, 48.483,
255.872

 19, 48.483,
255.872

 9, 48.483, 255.872

 0, 48.483, 255.872

■ 69, 48.483,
255.872

■ 69, 48.483,
255.872

■ 69, 48.894,
256.647

■ 71, 45.869,
250.881

■ 74, 42.951,
246.493

■ 77, 39.507,
242.809

■ 79, 35.425,
239.799

■ 83, 30.673,
237.384

■ 86, 25.283,
235.470

■ 89, 19.323,
233.966

■ 93, 12.879,

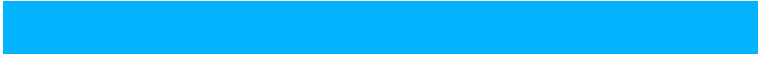
232.795

■ 96, 6.038, 231.919

Harmonies

Complementary

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



69, 48.483, 255.872



58, 93.711, 46.835

Rectangle

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



69, 48.483, 255.872



69, 48.483, 305.872



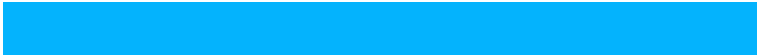
69, 48.483, 75.872



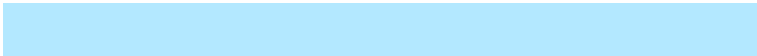
69, 48.483, 125.872

Sweetspot

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



69, 48.482, 255.873



89, 20.407, 234.176



87, 106.734, 140.531



46, 13.738, 234.789



0, 0.000, 0.000



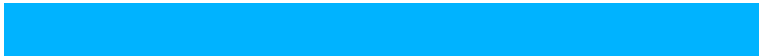
53, 0.007, 296.813

Same Dimension

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



69, 48.482, 255.873



69, 49.201, 256.670



38, 114.527, 302.017



51, 4.076, 231.996



53, 39.305, 255.705



17, 17.193, 248.706

Inverse Universe

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



56, 91.586, 344.788



57, 92.135, 345.105



83, 83.949, 86.304



50, 7.355, 334.790



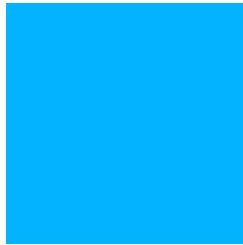
43, 74.454, 344.723



11, 35.076, 342.176

Previews

White Background



This preview shows how the CIE LCh color 69, 48.483, 255.872 looks on a white background.

Color Contrast Check

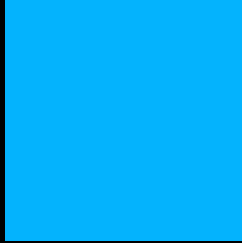
Large Text (above 18pt) WCAG AA × Fail

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 69, 48.483, 255.872 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

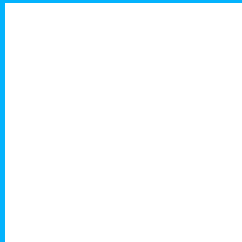
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 48.483, 255.872

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.483, 255.872.

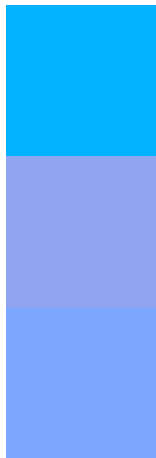


This preview shows how white text looks on a background with the CIELCh color 69, 48.483, 255.872.

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](#).

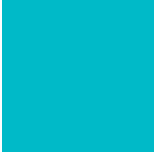
Dichromacy



Original Color
69, 48.483, 255.872

Protanopia
69, 41.986, 285.361

Deuteranopia
69, 49.065, 281.172



Tritanopia
69, 38.175, 208.421

Trichromacy



Original Color
69, 48.483, 255.872

Protanomaly
68, 44.587, 267.896

Deuteranomaly
68, 49.062, 268.649

Tritanomaly
69, 38.790, 228.204

Monochromacy



Original Color
69, 48.483, 255.872

Achromatopsia
56, 0.007, 296.813

Achromatomaly
59, 24.163, 237.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.483, 255.872 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(4, 179, 253)` looks like.

```
.text, #text, p{  
    color:rgb(4, 179, 253)  
}
```

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(4, 179, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 179, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.483, 255.872 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(4, 179, 253) }
```

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

```
.border{ border-color:rgb(4, 179, 253) }
```

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

Here you see how a box with a 4 pixel rgb(4, 179, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 179, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 179, 253);  
box-shadow:4px 4px 4px 4px rgb(4, 179,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.483, 255.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 179, 253) }
```

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

```
.background{ background-color: rgb(4, 179,  
253) }
```

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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