

Converting Colors

CIELCh(69, 44.320, 247.934)

Have a look what the booklet for
CIELCh(69, 44.320, 247.934)
contains.

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Color

CIELCh(69, 44.244, 247.630)

Conversions

Conversions Part 1

Format	Color
Hex	01B5F2
RGB	1, 181, 242
RGB Percent	0%, 71%, 95%
CMY	0.9944, 0.2912, 0.0521
CMYK	0.99, 0.25, 0.00, 0.05
HSL	195°, 99%, 48%
HSV	195°, 99%, 95%
XYZ	32.4729, 39.3444, 89.6683
YIQ	134.1340, -126.8610, -19.1890

Conversions

Conversions Part 2

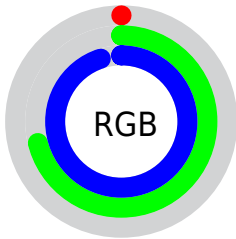
Format	Color
R _{YB}	1, 104, 242
Decimal	112114
CIE _{Lab}	69.00, -16.84, -40.91
CIE _{LCh}	69, 44.244, 247.630
Y _{xy}	39.3444, 0.2011, 0.2436
Android (android.graphics.Color)	4278302194 (0xFF01B5F2)
YUV	134.1340, 53.1779, -116.7585
Hunter-Lab	62.7251, -17.3591, -40.8501

Details

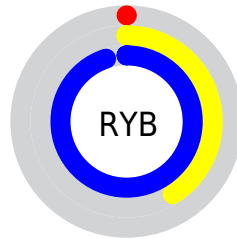
The CIELCh color **69, 44.244, 247.630** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **54, 93.135, 44.934**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 35.884, 212.658**, and **51, 39.391, 258.317** is the 20% darker color. If you saturate the color by 10%, you get **69, 44.346, 247.903**, and if you desaturate by 10%, it is **71, 42.512, 243.016**.

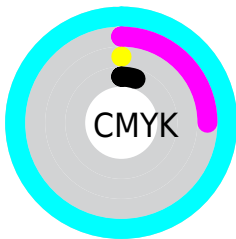
Distribution



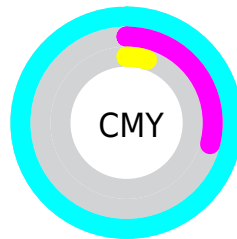
- Red (0%)
- Green (71%)
- Blue (95%)



- Red (0%)
- Yellow (41%)
- Blue (95%)



- Cyan (99%)
- Magenta (25%)
- Yellow (0%)
- Black (5%)



- Cyan (99%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 44.244, 247.630 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, 44.244, 247.630 by changing the saturation by 10% instead.

 69, 44.244,
247.630

 69, 44.244,
247.630

 100, 44.244,
247.630

 59, 44.244,
247.630

 89, 44.244,
247.630

 49, 44.244,
247.630

 99, 44.244,
247.630

 39, 44.244,
247.630

 29, 44.244,
247.630

 19, 44.244,
247.630

 9, 44.244, 247.630

 0, 44.244, 247.630

■ 69, 44.244,
247.630

■ 69, 44.244,
247.630

■ 69, 44.346,
247.903

■ 71, 42.512,
243.016

■ 73, 40.370,
239.018

■ 75, 37.590,
235.722

■ 78, 34.074,
233.074

■ 80, 29.806,
230.984

■ 83, 24.831,
229.357

■ 86, 19.227,
228.106

■ 89, 13.088,

227.160

■ 92, 6.513, 226.480

Harmonies

Complementary

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



69, 44.244, 247.630



54, 93.135, 44.934

Rectangle

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



69, 44.244, 247.630



69, 44.244, 297.630



69, 44.244, 67.630



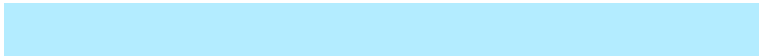
69, 44.244, 117.630

Sweetspot

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



69, 44.243, 247.631



90, 20.432, 228.180



84, 105.713, 139.512



47, 13.732, 228.677



0, 0.000, 0.000



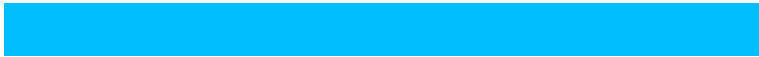
53, 0.007, 296.813

Same Dimension

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



69, 44.243, 247.631



72, 46.219, 248.054



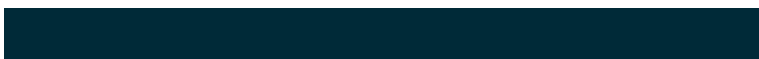
37, 107.023, 300.954



49, 3.904, 226.483



53, 35.895, 247.000



15, 15.156, 239.563

Inverse Universe

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



54, 91.141, 341.813



57, 94.871, 341.956



77, 80.294, 83.144



47, 7.211, 333.073



41, 74.390, 341.606



9, 33.300, 339.300

Previews

White Background



This preview shows how the CIE LCh color 69, 44.244, 247.630 looks on a white background.

Color Contrast Check

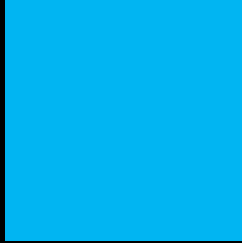
Large Text (above 18pt) WCAG AA × Fail

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, 44.244, 247.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

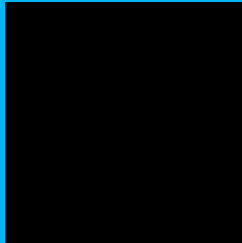
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 44.244, 247.630

Background



This preview shows how black text looks on a background with the CIELCh color 69, 44.244, 247.630.

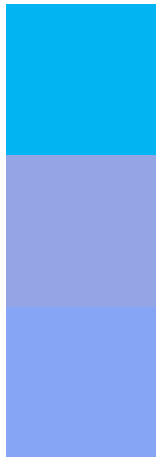


This preview shows how white text looks on a background with the CIELCh color 69, 44.244, 247.630.

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, 44.277, 247.578

Protanopia

69, 35.389, 285.106

Deuteranopia

69, 43.923, 282.406



Tritanopia
69, 38.175, 208.421

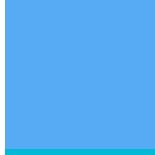
Trichromacy



Original Color
69, 44.277, 247.578



Protanomaly
68, 39.024, 262.402



Deuteranomaly
68, 44.148, 265.401



Tritanomaly
69, 38.328, 223.740

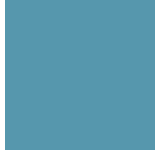
Monochromacy



Original Color
69, 44.277, 247.578



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 23.133, 230.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 44.244, 247.630 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(1, 181, 242)` looks like.

```
.text, #text, p{  
    color:rgb(1, 181, 242)  
}
```

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(1, 181, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 181, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 44.244, 247.630 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(1, 181, 242) }
```

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

```
.border{ border-color:rgb(1, 181, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 181, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 181, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 181, 242);  
box-shadow:4px 4px 4px 4px rgb(1, 181,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 44.244, 247.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 181, 242) }
```

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

```
.background{ background-color: rgb(1, 181,  
242) }
```

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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