

Converting Colors

CIELCh(69, 43.602, 247.629)

Have a look what the booklet for
CIELCh(69, 43.602, 247.629)
contains.

CIELCh(69, 43.608, 247.494)	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, 43.608, 247.494)

Conversions

Conversions Part 1

Format	Color
Hex	12B5F1
RGB	18, 181, 241
RGB Percent	7%, 71%, 95%
CMY	0.9279, 0.2917, 0.0565
CMYK	0.92, 0.25, 0.00, 0.06
HSL	196°, 89%, 51%
HSV	196°, 92%, 94%
XYZ	32.5137, 39.3444, 88.7706
YIQ	139.1030, -116.4080, -15.8960

Conversions

Conversions Part 2

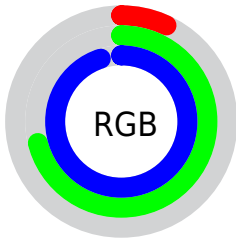
Format	Color
R_{YB}	18, 112, 241
Decimal	1226225
CIE _{Lab}	69.00, -16.69, -40.29
CIE _{LCh}	69, 43.608, 247.494
Y _{xy}	39.3444, 0.2024, 0.2449
Android (android.graphics.Color)	4279416305 (0xFF12B5F1)
YUV	139.1030, 50.2352, -106.2073
Hunter-Lab	62.7251, -17.2429, -40.0016

Details

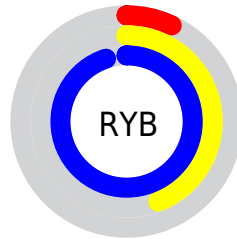
The CIELCh color **69, 43.608, 247.494** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **56, 86.948, 46.307**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 35.339, 212.931**, and **51, 38.985, 257.619** is the 20% darker color. If you saturate the color by 10%, you get **67, 45.122, 251.195**, and if you desaturate by 10%, it is **71, 41.388, 243.111**.

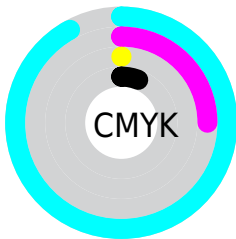
Distribution



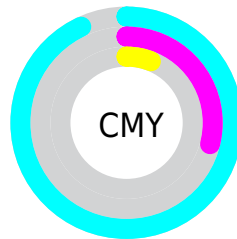
- Red (7%)
- Green (71%)
- Blue (95%)



- Red (7%)
- Yellow (44%)
- Blue (95%)



- Cyan (92%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



- Cyan (93%)
- Magenta (29%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 43.608, 247.494 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, 43.608, 247.494 by changing the saturation by 10% instead.

 69, 43.608,
247.494

 69, 43.608,
247.494

 100, 43.608,
247.494

 59, 43.608,
247.494

 89, 43.608,
247.494

 49, 43.608,
247.494

 99, 43.608,
247.494

 39, 43.608,
247.494

 29, 43.608,
247.494

 19, 43.608,
247.494

 9, 43.608, 247.494

 0, 43.608, 247.494

69, 43.608,
247.494

69, 43.608,
247.494

67, 45.122,
251.195

71, 41.388,
243.111

73, 38.635,
239.433

76, 35.215,
236.436

79, 31.086,
234.043

82, 26.268,
232.160

85, 20.826,
230.694

88, 14.847,
229.565

91, 8.424, 228.719

Harmonies

Complementary

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



69, 43.608, 247.494



56, 86.948, 46.307

Rectangle

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



69, 43.608, 247.494



69, 43.608, 297.494



69, 43.608, 67.494



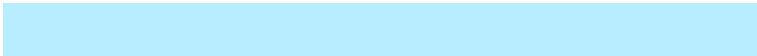
69, 43.608, 117.494

Sweetspot

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



69, 43.607, 247.495



90, 19.161, 230.175



84, 100.229, 141.238



47, 13.041, 230.702



0, 0.000, 0.000



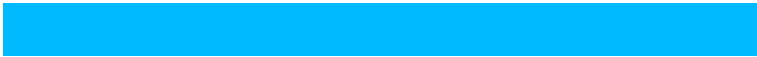
53, 0.007, 296.813

Same Dimension

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



69, 43.607, 247.495



71, 47.211, 251.364



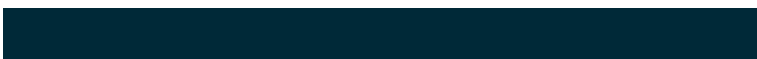
39, 101.208, 299.595



48, 3.889, 228.527



52, 36.618, 250.278



15, 15.330, 242.539

Inverse Universe

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



54, 89.579, 341.755



57, 93.813, 343.101



79, 79.110, 85.974



47, 7.128, 333.699



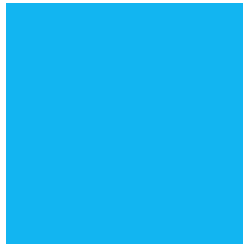
41, 73.570, 342.717



9, 32.967, 340.191

Previews

White Background



This preview shows how the CIE LCh color 69, 43.608, 247.494 looks on a white background.

Color Contrast Check

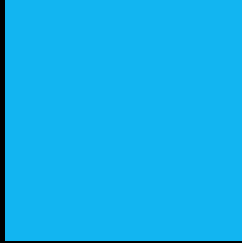
Large Text (above 18pt) WCAG AA × Fail

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, 43.608, 247.494 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

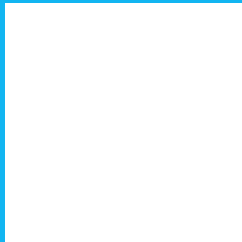
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 43.608, 247.494

Background



This preview shows how black text looks on a background with the CIELCh color 69, 43.608, 247.494.

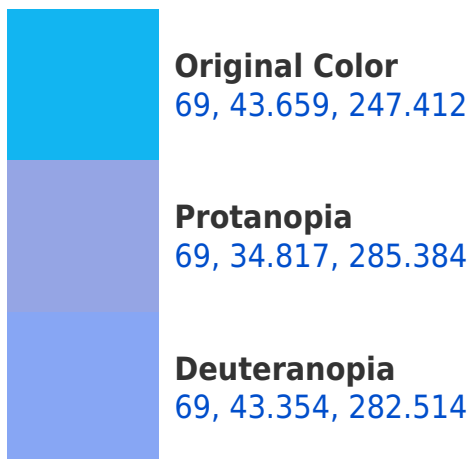


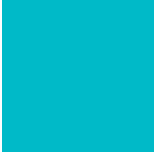
This preview shows how white text looks on a background with the CIELCh color 69, 43.608, 247.494.

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
69, 38.175, 208.421

Trichromacy



Original Color
69, 43.659, 247.412



Protanomaly
68, 37.948, 263.796



Deuteranomaly
68, 43.191, 266.460



Tritanomaly
69, 38.176, 223.864

Monochromacy



Original Color
69, 43.659, 247.412



Achromatopsia
58, 0.007, 296.813



Achromatomaly
60, 21.892, 232.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 43.608, 247.494 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(18, 181, 241)` looks like.

```
.text, #text, p{  
    color:rgb(18, 181, 241)  
}
```

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(18, 181, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 181, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 43.608, 247.494 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(18, 181, 241) }
```

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

```
.border{ border-color:rgb(18, 181, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 181, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 181, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 181, 241);  
box-shadow:4px 4px 4px 4px rgb(18, 181,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 43.608, 247.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 181, 241) }
```

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

```
.background{ background-color: rgb(18, 181,  
241) }
```

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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