

Converting Colors

CIELCh(69, 30.493, 226.034)

Have a look what the booklet for
CIELCh(69, 30.493, 226.034)
contains.

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Color

CIELCh(69, 30.451, 225.796)

Conversions

Conversions Part 1

Format	Color
Hex	52B5CF
RGB	82, 181, 207
RGB Percent	32%, 71%, 81%
CMY	0.6784, 0.2902, 0.1882
CMYK	0.60, 0.13, 0.00, 0.19
HSL	192°, 57%, 57%
HSV	192°, 60%, 81%
XYZ	31.2641, 39.3444, 64.9753
YIQ	154.3630, -67.3500, -12.9020

Conversions

Conversions Part 2

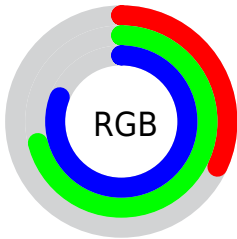
Format	Color
R_{YB}	82, 137, 207
Decimal	5420495
CIE _{Lab}	69.00, -21.23, -21.83
CIE _{LCh}	69, 30.451, 225.796
Yxy	39.3444, 0.2306, 0.2902
Android (android.graphics.Color)	4283610575 (0xFF52B5CF)
YUV	154.3630, 25.9500, -63.4624
Hunter-Lab	62.7251, -20.7991, -17.5094

Details

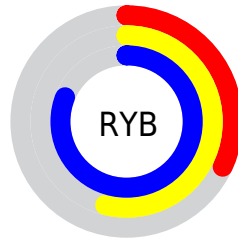
The CIELCh color **69, 30.451, 225.796** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **57, 48.832, 41.152**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 29.383, 216.521**, and **49, 29.735, 227.053** is the 20% darker color. If you saturate the color by 10%, you get **67, 33.292, 227.922**, and if you desaturate by 10%, it is **71, 26.865, 224.147**.

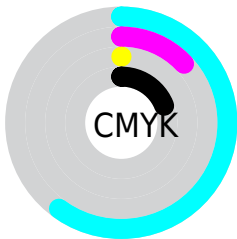
Distribution



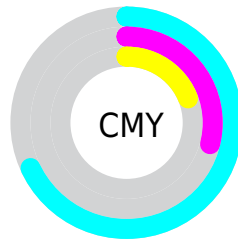
- Red (32%)
- Green (71%)
- Blue (81%)



- Red (32%)
- Yellow (54%)
- Blue (81%)



- Cyan (60%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)





- Cyan (68%)
- Magenta (29%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 30.451, 225.796 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, 30.451, 225.796 by changing the saturation by 10% instead.

 69, 30.451,
225.796


 69, 30.451,
225.796


 100, 30.451,
225.796


 59, 30.451,
225.796


 89, 30.451,
225.796

 49, 30.451,
225.796

 99, 30.451,
225.796

 39, 30.451,
225.796

 29, 30.451,
225.796

 19, 30.451,
225.796

 9, 30.451, 225.796

 0, 30.451, 225.796

69, 30.451,
225.796

69, 30.451,
225.796

67, 33.292,
227.922

71, 26.865,
224.147

65, 35.389,
230.613

73, 22.585,
222.893

64, 36.809,
233.936

75, 17.691,
221.959

63, 37.744,
237.651

78, 12.276,
221.284

80, 6.432, 220.836

83, 0.247, 222.663

86, 6.201, 40.113

89, 12.846, 40.039

90, 14.867, 46.395

Harmonies

Complementary

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



69, 30.451, 225.796



57, 48.832, 41.152

Rectangle

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



69, 30.451, 225.796



69, 30.451, 275.796



69, 30.451, 45.796



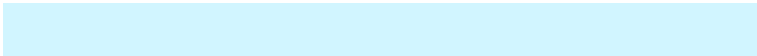
69, 30.451, 95.796

Sweetspot

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



69, 30.450, 225.795



94, 12.922, 221.168



74, 68.176, 144.667



50, 8.899, 221.328



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, 30.450, 225.795



81, 39.650, 228.534



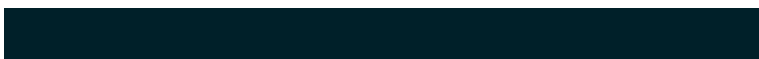
51, 51.154, 285.504



43, 3.551, 220.806



51, 32.299, 236.996



11, 12.197, 228.250

Inverse Universe

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



55, 66.942, 334.969



62, 89.200, 335.992



71, 49.524, 85.723



41, 6.658, 331.368



38, 72.144, 338.559



5, 26.492, 336.040

Previews

White Background



This preview shows how the CIELCh color 69, 30.451, 225.796 looks on a white background.

Color Contrast Check

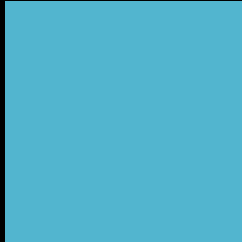
Large Text (above 18pt) WCAG AA × Fail

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, 30.451, 225.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

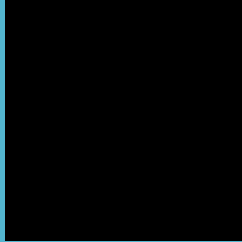
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 30.451, 225.796

Background



This preview shows how black text looks on a background with the CIELCh color 69, 30.451, 225.796.



This preview shows how white text looks on a background with the CIELCh color 69, 30.451, 225.796.

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, 30.531, 211.953

Trichromacy



Original Color
69, 30.451, 225.796



Protanomaly
68, 20.391, 253.298



Deuteranomaly
68, 24.610, 263.058



Tritanomaly
69, 30.380, 217.641

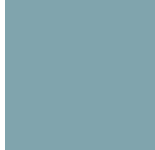
Monochromacy



Original Color
69, 30.451, 225.796



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 13.352, 220.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 30.451, 225.796 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(82, 181, 207)` looks like.

```
.text, #text, p{  
    color:rgb(82, 181, 207)  
}
```

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(82, 181, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 181, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 30.451, 225.796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

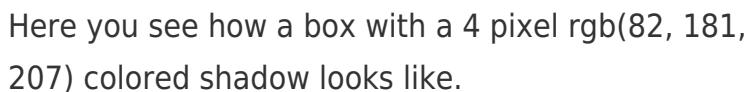
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(82, 181, 207) }
```

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

```
.border{ border-color:rgb(82, 181, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(82, 181, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 181, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 181, 207);  
box-shadow:4px 4px 4px 4px rgb(82, 181,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 30.451, 225.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 181, 207) }
```

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

```
.background{ background-color: rgb(82, 181,  
207) }
```

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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