

Converting Colors

CIELCh(69, 27.068, 226.626)

Have a look what the booklet for
CIELCh(69, 27.068, 226.626)
contains.

CIELCh(69, 27.099, 225.771)	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, 27.099, 225.771)

Conversions

Conversions Part 1

Format	Color
Hex	61B4CB
RGB	97, 180, 203
RGB Percent	38%, 71%, 80%
CMY	0.6208, 0.2953, 0.2051
CMYK	0.52, 0.11, 0.00, 0.21
HSL	193°, 50%, 59%
HSV	193°, 52%, 79%
XYZ	31.9012, 39.3444, 62.2238
YIQ	157.8050, -56.8510, -10.4430

Conversions

Conversions Part 2

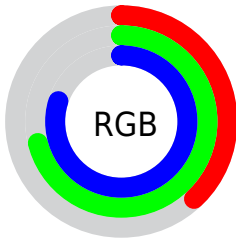
Format	Color
R_{YB}	97, 144, 203
Decimal	6403275
CIE _{Lab}	69.00, -18.90, -19.42
CIE _{LCh}	69, 27.099, 225.771
Yxy	39.3444, 0.2390, 0.2948
Android (android.graphics.Color)	4284593355 (0xFF61B4CB)
YUV	157.8050, 22.2811, -53.3260
Hunter-Lab	62.7251, -18.9862, -14.9086

Details

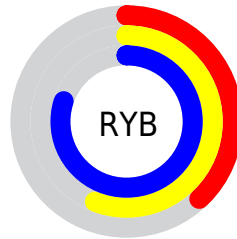
The CIELCh color **69, 27.099, 225.771** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 40.122, 41.424**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 26.474, 220.086**, and **49, 27.099, 226.068** is the 20% darker color. If you saturate the color by 10%, you get **67, 30.514, 227.590**, and if you desaturate by 10%, it is **71, 23.003, 224.372**.

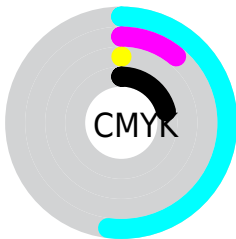
Distribution



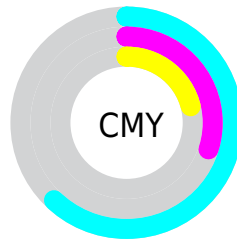
- Red (38%)
- Green (71%)
- Blue (80%)



- Red (38%)
- Yellow (56%)
- Blue (80%)



- Cyan (52%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)





- Cyan (62%)
- Magenta (30%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 27.099, 225.771 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, 27.099, 225.771 by changing the saturation by 10% instead.


 69, 27.099,
225.771


 69, 27.099,
225.771


 100, 27.099,
225.771


 59, 27.099,
225.771


 89, 27.099,
225.771

 49, 27.099,
225.771

 99, 27.099,
225.771

 39, 27.099,
225.771

 29, 27.099,
225.771

 19, 27.099,
225.771

 9, 27.099, 225.771

 0, 27.099, 225.771

69, 27.099,
225.771

69, 27.099,
225.771

67, 30.514,
227.590

71, 23.003,
224.372

65, 33.212,
229.920

73, 18.299,
223.318

63, 35.203,
232.844

76, 13.075,
222.542

62, 36.572,
236.424

78, 7.420, 222.001

61, 37.373,
239.526

81, 1.422, 221.906

84, 4.845, 41.139

86, 11.313, 41.031

89, 16.531, 42.699

90, 16.099, 52.181

Harmonies

Complementary

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



69, 27.099, 225.771



59, 40.122, 41.424

Rectangle

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



69, 27.099, 225.771



69, 27.099, 275.771



69, 27.099, 45.771



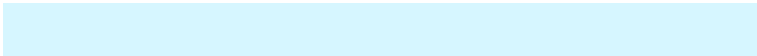
69, 27.099, 95.771

Sweetspot

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



69, 27.098, 225.769



95, 11.508, 222.186



74, 58.255, 146.323



50, 7.724, 222.299



0, 0.000, 0.000



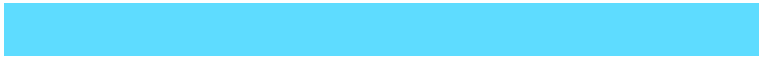
53, 0.007, 296.813

Same Dimension

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



69, 27.098, 225.769



82, 36.829, 227.915



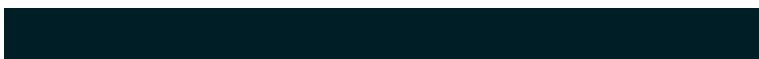
54, 44.117, 284.349



42, 3.466, 221.890



50, 32.112, 238.856



10, 11.738, 229.206

Inverse Universe

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



57, 58.086, 334.711



65, 81.158, 335.629



72, 42.772, 88.189



40, 6.482, 331.687



37, 70.887, 339.093



5, 24.316, 336.212

Previews

White Background



This preview shows how the CIELCh color 69, 27.099, 225.771 looks on a white background.

Color Contrast Check

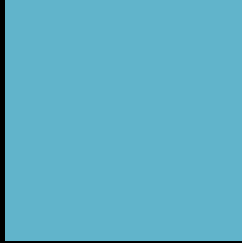
Large Text (above 18pt) WCAG AA × Fail

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, 27.099, 225.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

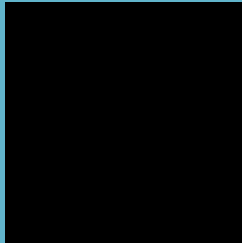
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 27.099, 225.771

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.099, 225.771.

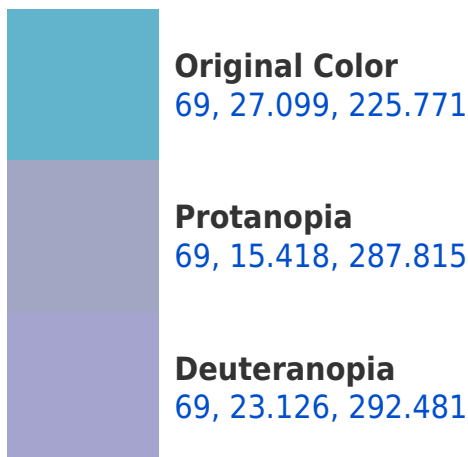


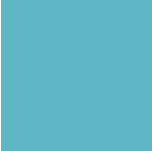
This preview shows how white text looks on a background with the CIELCh color 69, 27.099, 225.771.

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](#).

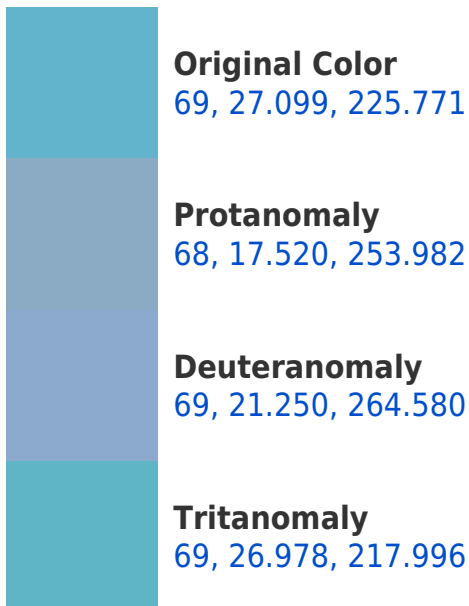
Dichromacy





Tritanopia
69, 27.038, 215.416

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.099, 225.771 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(97, 180, 203)` looks like.

```
.text, #text, p{  
    color:rgb(97, 180, 203)  
}
```

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(97, 180, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 180, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.099, 225.771 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(97, 180, 203) }
```

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

```
.border{ border-color:rgb(97, 180, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 180, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 180, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 180, 203);  
box-shadow:4px 4px 4px 4px rgb(97, 180,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.099, 225.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 180, 203) }
```

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

```
.background{ background-color: rgb(97, 180,  
203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor