

Converting Colors

CIELCh(69, 27.454, 221.714)

Have a look what the booklet for
CIELCh(69, 27.454, 221.714)
contains.

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Color

CIElCh(69, 27.400, 222.778)

Conversions

Conversions Part 1

Format	Color
Hex	5EB4C9
RGB	94, 180, 201
RGB Percent	37%, 71%, 79%
CMY	0.6305, 0.2933, 0.2109
CMYK	0.53, 0.10, 0.00, 0.21
HSL	192°, 50%, 58%
HSV	192°, 53%, 79%
XYZ	31.5693, 39.3444, 61.3183
YIQ	156.6800, -57.9970, -11.7010

Conversions

Conversions Part 2

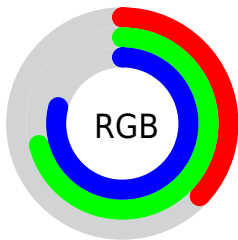
Format	Color
RYB	94, 142, 201
Decimal	6206665
CIELab	69.00, -20.11, -18.61
CIELCh	69, 27.400, 222.778
Yxy	39.3444, 0.2387, 0.2975
Android (android.graphics.Color)	4284396745 (0xFF5EB4C9)
YUV	156.6800, 21.8498, -54.9704
Hunter-Lab	62.7251, -19.9305, -14.0527

Details

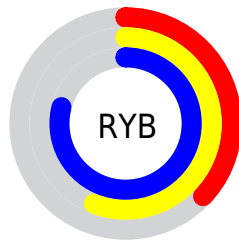
The CIELCh color **69, 27.400, 222.778** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **58, 41.164, 39.715**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 26.946, 219.654**, and **49, 27.442, 222.794** is the 20% darker color. If you saturate the color by 10%, you get **67, 30.687, 224.415**, and if you desaturate by 10%, it is **71, 23.402, 221.532**.

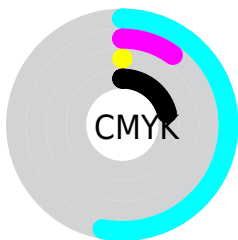
Distribution



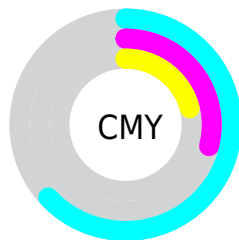
- Red (37%)
- Green (71%)
- Blue (79%)



- Red (37%)
- Yellow (56%)
- Blue (79%)



- Cyan (53%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)




- Cyan (63%)
- Magenta (29%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 27.400, 222.778 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, 27.400, 222.778 by changing the saturation by 10% instead.

 69, 27.400,
222.778


 69, 27.400,
222.778

 100, 27.400,
222.778

 59, 27.400,
222.778


 89, 27.400,
222.778

 49, 27.400,
222.778

 99, 27.400,
222.778

 39, 27.400,
222.778

 29, 27.400,
222.778

 19, 27.400,
222.778

 9, 27.400, 222.778

 0, 27.400, 222.778

69, 27.400,
222.778

69, 27.400,
222.778

67, 30.687,
224.415

71, 23.402,
221.532

65, 33.223,
226.531

73, 18.769,
220.609

64, 35.019,
229.203

75, 13.589,
219.946

63, 36.157,
232.494

78, 7.958, 219.503

62, 36.711,
235.010

80, 1.964, 219.398

83, 4.312, 38.801

85, 10.801, 38.781

88, 17.372, 38.852

89, 16.784, 46.858

Harmonies

Complementary

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



69, 27.400, 222.778



58, 41.164, 39.715

Rectangle

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



69, 27.400, 222.778



69, 27.400, 272.778



69, 27.400, 42.778



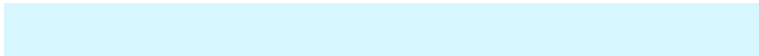
69, 27.400, 92.778

Sweetspot

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



69, 27.399, 222.776



95, 11.619, 219.616



73, 60.247, 145.132



50, 7.797, 219.705



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, 27.399, 222.776



83, 37.268, 224.743



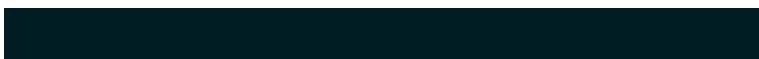
54, 42.624, 282.298



41, 3.429, 219.394



51, 31.385, 234.365



9, 11.177, 225.594

Inverse Universe

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



56, 59.385, 333.932



65, 83.221, 334.808



70, 42.216, 85.434



39, 6.442, 330.949



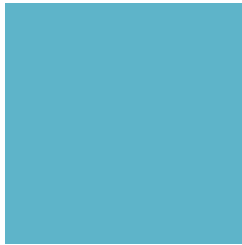
37, 71.159, 337.823



4, 22.521, 334.838

Previews

White Background



This preview shows how the CIE LCh color 69, 27.400, 222.778 looks on a white background.

Color Contrast Check

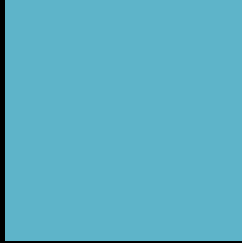
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 27.400, 222.778 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, 27.400, 222.778

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.400, 222.778.



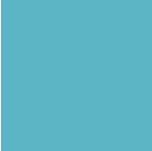
This preview shows how white text looks on a background with the CIELCh color 69, 27.400, 222.778.

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, 27.455, 215.107

Trichromacy



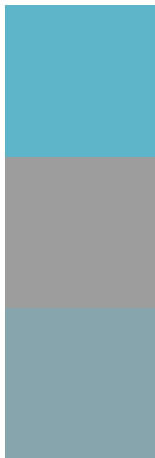
Original Color
69, 27.400, 222.778

Protanomaly
68, 16.897, 250.571

Deuteranomaly
68, 20.914, 263.001

Tritanomaly
69, 27.390, 217.649

Monochromacy



Original Color
69, 27.400, 222.778

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.677, 221.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.400, 222.778 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(94, 180, 201)` looks like.

```
.text, #text, p{  
    color:rgb(94, 180, 201)  
}
```

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(94, 180, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 180, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.400, 222.778 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(94, 180, 201) }
```

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

```
.border{ border-color:rgb(94, 180, 201) }
```

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

Here you see how a box with a 4 pixel rgb(94, 180, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 180, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 180, 201);  
box-shadow:4px 4px 4px 4px rgb(94, 180,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.400, 222.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 180, 201) }
```

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

```
.background{ background-color: rgb(94, 180,  
201) }
```

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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