

Converting Colors

CIELCh(69, 28.896, 228.894)

Have a look what the booklet for
CIELCh(69, 28.896, 228.894)
contains.

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Color

CIELCh(69, 28.896, 228.894)

Conversions

Conversions Part 1

Format	Color
Hex	5BB4CF
RGB	91, 180, 207
RGB Percent	36%, 71%, 81%
CMY	0.6433, 0.2943, 0.1884
CMYK	0.56, 0.13, 0.00, 0.19
HSL	194°, 55%, 58%
HSV	194°, 56%, 81%
XYZ	31.8749, 39.3444, 64.9103
YIQ	156.4670, -61.7110, -10.4710

Conversions

Conversions Part 2

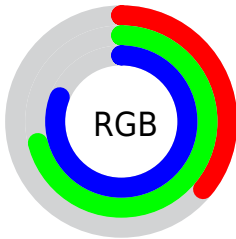
Format	Color
RYB	91, 141, 207
Decimal	6010063
CIELab	69.00, -19.00, -21.77
CIELCh	69, 28.896, 228.894
Yxy	39.3444, 0.2342, 0.2890
Android (android.graphics.Color)	4284200143 (0xFF5BB4CF)
YUV	156.4670, 24.9128, -57.4146
Hunter-Lab	62.7251, -19.0610, -17.4480

Details

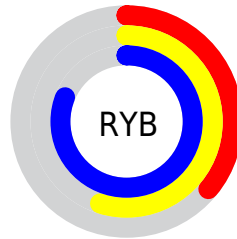
The CIELCh color **69, 28.896, 228.894** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **59, 44.001, 42.948**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 27.646, 219.039**, and **49, 28.936, 229.490** is the 20% darker color. If you saturate the color by 10%, you get **67, 32.153, 231.073**, and if you desaturate by 10%, it is **71, 24.952, 227.195**.

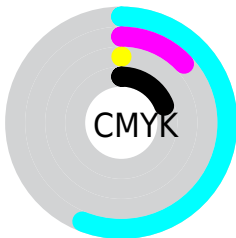
Distribution



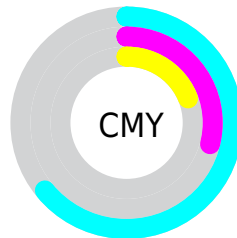
- Red (36%)
- Green (71%)
- Blue (81%)



- Red (36%)
- Yellow (55%)
- Blue (81%)



- Cyan (56%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (64%)
- Magenta (29%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 28.896, 228.894 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, 28.896, 228.894 by changing the saturation by 10% instead.

 69, 28.896,
228.894

 69, 28.896,
228.894

 100, 28.896,
228.894

 59, 28.896,
228.894


 89, 28.896,
228.894

 49, 28.896,
228.894

 99, 28.896,
228.894

 39, 28.896,
228.894

 29, 28.896,
228.894

 19, 28.896,
228.894

 9, 28.896, 228.894

 0, 28.896, 228.894

69, 28.896,
228.894

69, 28.896,
228.894

67, 32.153,
231.073

71, 24.952,
227.195

65, 34.709,
233.825

74, 20.382,
225.892

63, 36.608,
237.228

76, 15.265,
224.909

62, 37.977,
241.308

79, 9.691, 224.188

61, 38.474,
243.000

81, 3.747, 223.733

84, 2.489, 42.975

87, 8.948, 42.862

90, 15.035, 43.524

91, 14.667, 55.001

Harmonies

Complementary

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



69, 28.896, 228.894



59, 44.001, 42.948

Rectangle

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



69, 28.896, 228.894



69, 28.896, 278.894



69, 28.896, 48.894



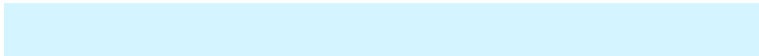
69, 28.896, 98.894

Sweetspot

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



69, 28.895, 228.893



94, 12.120, 224.259



75, 63.067, 145.812



50, 8.060, 224.392



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, 28.895, 228.893



81, 38.220, 231.513



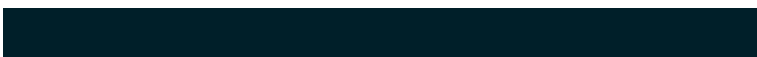
53, 48.329, 285.371



43, 3.514, 223.845



50, 32.889, 242.285



10, 12.240, 232.582

Inverse Universe

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



56, 61.999, 335.687



64, 83.872, 336.703



72, 46.572, 87.656



41, 6.542, 332.270



38, 70.865, 340.114



5, 25.990, 337.269

Previews

White Background



This preview shows how the CIE LCh color 69, 28.896, 228.894 looks on a white background.

Color Contrast Check

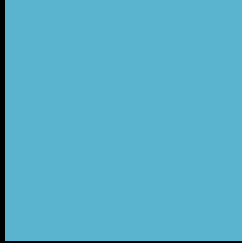
Large Text (above 18pt) WCAG AA × Fail

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, 28.896, 228.894 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

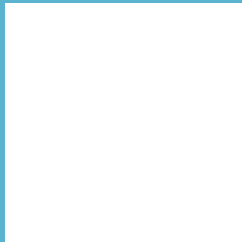
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 28.896, 228.894

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.896, 228.894.



This preview shows how white text looks on a background with the CIELCh color 69, 28.896, 228.894.

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

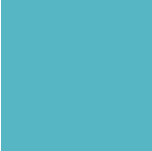
69, 28.896, 228.894

Protanopia

69, 17.103, 286.073

Deuteranopia

69, 25.321, 290.429

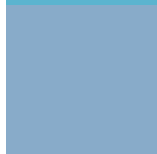


Tritanopia
69, 28.636, 213.090

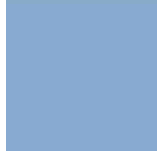
Trichromacy



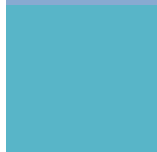
Original Color
69, 28.896, 228.894



Protanomaly
68, 19.716, 256.154



Deuteranomaly
68, 23.641, 264.838

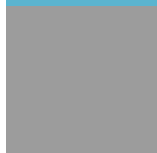


Tritanomaly
69, 28.549, 219.143

Monochromacy



Original Color
69, 28.896, 228.894



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 12.633, 224.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.896, 228.894 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(91, 180, 207)` looks like.

```
.text, #text, p{  
    color:rgb(91, 180, 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(91, 180, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 180, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.896, 228.894 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(91, 180, 207) }
```

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

```
.border{ border-color:rgb(91, 180, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 180, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 180, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 180, 207);  
box-shadow:4px 4px 4px 4px rgb(91, 180,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.896, 228.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 180, 207) }
```

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

```
.background{ background-color: rgb(91, 180,  
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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