

Converting Colors

CIELCh(70, 29.364, 227.143)

Have a look what the booklet for
CIELCh(70, 29.364, 227.143)
contains.

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Color

CIELCh(70, 29.295, 227.030)

Conversions

Conversions Part 1

Format	Color
Hex	5BB7D1
RGB	91, 183, 209
RGB Percent	36%, 72%, 82%
CMY	0.6426, 0.2819, 0.1800
CMYK	0.56, 0.12, 0.00, 0.18
HSL	193°, 56%, 59%
HSV	193°, 56%, 82%
XYZ	32.8032, 40.7494, 66.5277
YIQ	158.4560, -63.1780, -11.4180

Conversions

Conversions Part 2

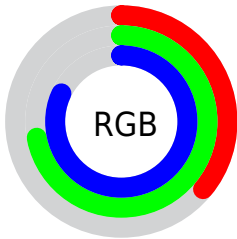
Format	Color
R _Y B	91, 143, 209
Decimal	6010833
CIE Lab	70.00, -19.97, -21.44
CIE LCh	70, 29.295, 227.030
Yxy	40.7494, 0.2342, 0.2909
Android (android.graphics.Color)	4284200913 (0xFF5BB7D1)
YUV	158.4560, 24.9182, -59.1589
Hunter-Lab	63.8353, -19.9854, -17.1060

Details

The CIELCh color **70, 29.295, 227.030** 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, 45.034, 41.920**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.845, 215.348**, and **50, 29.337, 227.453** is the 20% darker color. If you saturate the color by 10%, you get **68, 32.500, 229.097**, and if you desaturate by 10%, it is **72, 25.374, 225.427**.

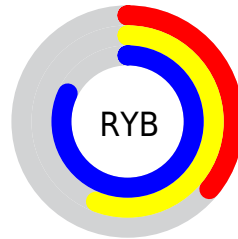
Distribution



Red (36%)

Green (72%)

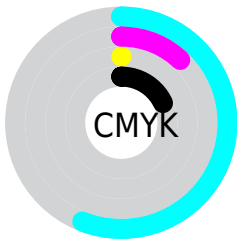
Blue (82%)



Red (36%)

Yellow (56%)

Blue (82%)

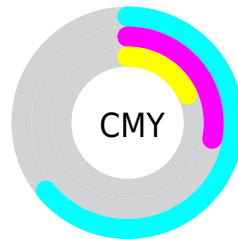


Cyan (56%)

Magenta (12%)

Yellow (0%)

Black (18%)



Cyan (64%)


Magenta (28%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 29.295, 227.030 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 70, 29.295, 227.030 by changing the saturation by 10% instead.


 70, 29.295,
227.030


 70, 29.295,
227.030


 100, 29.295,
227.030


 60, 29.295,
227.030


 90, 29.295,
227.030

 50, 29.295,
227.030

 40, 29.295,
227.030

 30, 29.295,
227.030

 20, 29.295,
227.030

 10, 29.295,
227.030

 0, 29.295, 227.030

70, 29.295,
227.030

70, 29.295,
227.030

68, 32.500,
229.097

72, 25.374,
225.427

66, 34.972,
231.722

74, 20.800,
224.207

64, 36.753,
234.980

77, 15.656,
223.296

63, 37.974,
238.901

79, 10.035,
222.638

62, 38.369,
240.374

82, 4.027, 222.233

85, 2.286, 41.512

88, 8.831, 41.467

90, 14.329, 43.180

91, 13.966, 54.703

Harmonies

Complementary

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



70, 29.295, 227.030



59, 45.034, 41.920

Rectangle

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



70, 29.295, 227.030



70, 29.295, 277.030



70, 29.295, 47.030



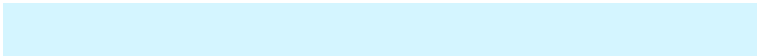
70, 29.295, 97.030

Sweetspot

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



70, 29.294, 227.029



95, 12.176, 222.681



76, 63.972, 145.756



50, 8.096, 222.799



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 29.294, 227.029



81, 38.498, 229.662



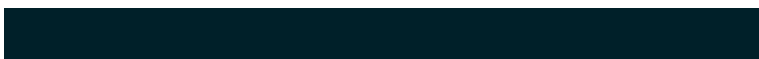
53, 49.088, 285.482



43, 3.531, 222.318



51, 32.562, 239.656



10, 12.211, 230.415

Inverse Universe

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



57, 63.377, 335.188



64, 85.393, 336.217



73, 47.269, 87.599



41, 6.599, 331.815



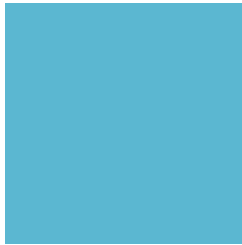
38, 71.497, 339.327



5, 26.240, 336.647

Previews

White Background



This preview shows how the CIE LCh color 70, 29.295, 227.030 looks on a white background.

Color Contrast Check

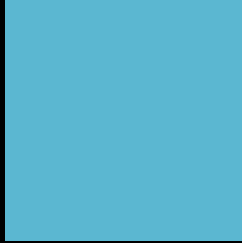
Large Text (above 18pt) WCAG AA × Fail

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 70, 29.295, 227.030 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

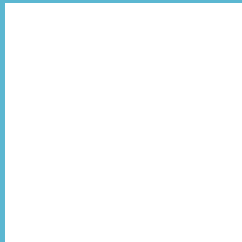
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 29.295, 227.030

Background



This preview shows how black text looks on a background with the CIELCh color 70, 29.295, 227.030.

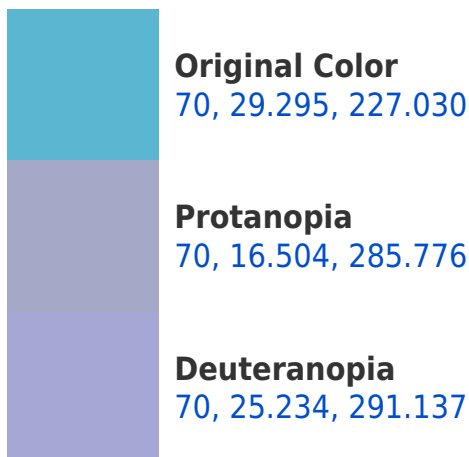


This preview shows how white text looks on a background with the CIELCh color 70, 29.295, 227.030.

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
70, 29.317, 213.785

Trichromacy



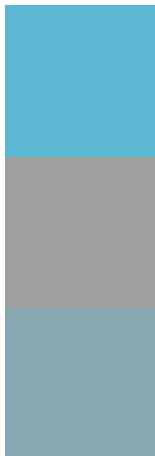
Original Color
70, 29.295, 227.030

Protanomaly
69, 19.596, 253.505

Deuteranomaly
70, 23.707, 264.084

Tritanomaly
70, 29.170, 218.568

Monochromacy



Original Color
70, 29.295, 227.030

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 12.724, 221.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 29.295, 227.030 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, 183, 209)` looks like.

```
.text, #text, p{  
    color:rgb(91, 183, 209)  
}
```

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, 183, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 183, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 29.295, 227.030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

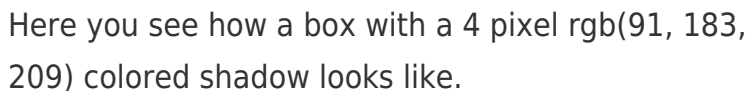
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 183, 209) }
```

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

```
.border{ border-color:rgb(91, 183, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 183, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 183, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 183, 209);  
box-shadow:4px 4px 4px 4px rgb(91, 183,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 29.295, 227.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 183, 209) }
```

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

```
.background{ background-color: rgb(91, 183,  
209) }
```

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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