

Converting Colors

CIELCh(72, 30.462, 230.746)

Have a look what the booklet for
CIELCh(72, 30.462, 230.746)
contains.

CIELCh(72, 30.457, 231.772)	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(72, 30.457, 231.772)

Conversions

Conversions Part 1

Format	Color
Hex	5FBCDB
RGB	95, 188, 219
RGB Percent	37%, 74%, 86%
CMY	0.6263, 0.2617, 0.1401
CMYK	0.57, 0.14, 0.00, 0.14
HSL	195°, 63%, 62%
HSV	195°, 57%, 86%
XYZ	35.6134, 43.6590, 73.7586
YIQ	163.7270, -65.3790, -10.0750

Conversions

Conversions Part 2

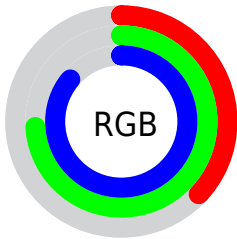
Format	Color
RYB	95, 148, 219
Decimal	6274267
CIELab	72.00, -18.85, -23.93
CIElCh	72, 30.457, 231.772
Yxy	43.6590, 0.2327, 0.2853
Android (android.graphics.Color)	4284464347 (0xFF5FBCDB)
YUV	163.7270, 27.2496, -60.2736
Hunter-Lab	66.0750, -19.4225, -19.9322

Details

The CIELCh color **72, 30.457, 231.772** 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 **62, 46.230, 44.466**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 27.838, 209.670**, and **52, 30.437, 231.309** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.909, 234.178**, and if you desaturate by 10%, it is **74, 26.313, 229.880**.

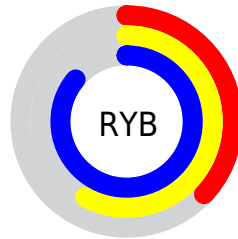
Distribution



Red (37%)

Green (74%)

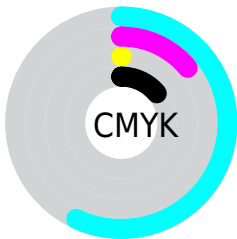
Blue (86%)



Red (37%)

Yellow (58%)

Blue (86%)

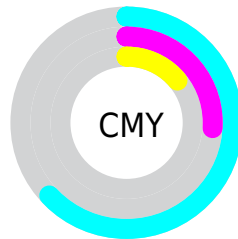


Cyan (57%)

Magenta (14%)

Yellow (0%)

Black (14%)



Cyan (63%)


Magenta (26%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 30.457, 231.772 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 72, 30.457, 231.772 by changing the saturation by 10% instead.


 72, 30.457,
231.772


 72, 30.457,
231.772


 100, 30.457,
231.772


 62, 30.457,
231.772


 92, 30.457,
231.772

 52, 30.457,
231.772

 42, 30.457,
231.772

 32, 30.457,
231.772

 22, 30.457,
231.772

 12, 30.457,
231.772

 2, 30.457, 231.772

0, 30.457, 231.772

72, 30.457,
231.772

72, 30.457,
231.772

70, 33.909,
234.178

74, 26.313,
229.880

68, 36.665,
237.194

77, 21.535,
228.415

66, 38.784,
240.890

80, 16.199,
227.295

64, 40.416,
245.269

83, 10.395,
226.456

63, 40.957,
246.847

86, 4.212, 225.890

89, 2.270, 45.027

92, 8.981, 44.863

■ 94, 10.721, 57.727

■ 95, 11.369, 75.103

Harmonies

Complementary

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



72, 30.457, 231.772



62, 46.230, 44.466

Rectangle

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



72, 30.457, 231.772



72, 30.457, 281.772



72, 30.457, 51.772



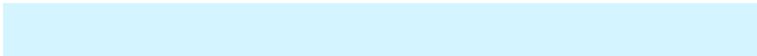
72, 30.457, 101.772

Sweetspot

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



72, 30.456, 231.771



94, 12.058, 226.499



79, 64.939, 146.842



50, 8.020, 226.652



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 30.456, 231.771



80, 38.695, 234.741



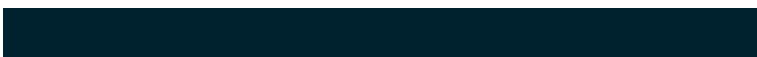
55, 53.549, 287.628



45, 3.633, 226.017



51, 34.224, 246.028



12, 13.258, 236.897

Inverse Universe

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



59, 64.665, 336.512



63, 83.744, 337.630



77, 50.409, 90.079



43, 6.720, 332.926



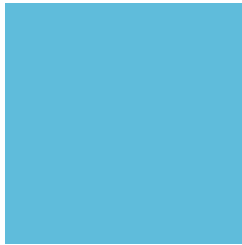
39, 71.537, 341.289



6, 28.989, 338.538

Previews

White Background



This preview shows how the CIELCh color 72, 30.457, 231.772 looks on a white background.

Color Contrast Check

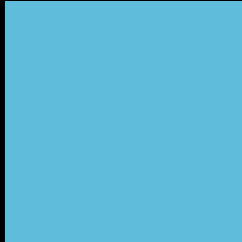
Large Text (above 18pt) WCAG AA × Fail

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 72, 30.457, 231.772 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 72, 30.457, 231.772

Background



This preview shows how black text looks on a background with the CIELCh color 72, 30.457, 231.772.

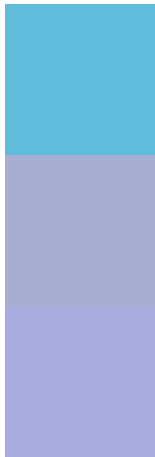


This preview shows how white text looks on a background with the CIELCh color 72, 30.457, 231.772.

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
72, 30.457, 231.772

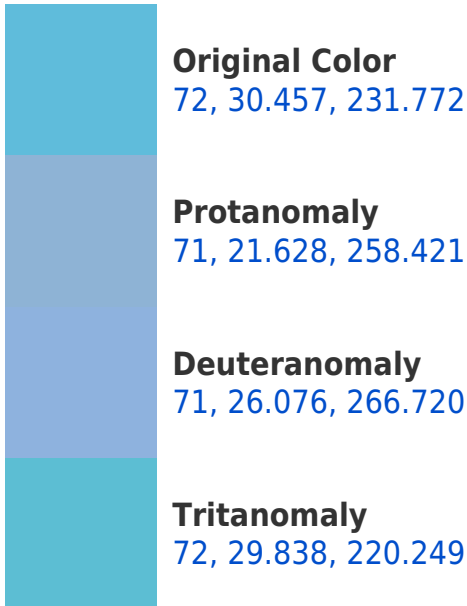
Protanopia
72, 19.147, 285.892

Deuteranopia
72, 27.825, 290.141

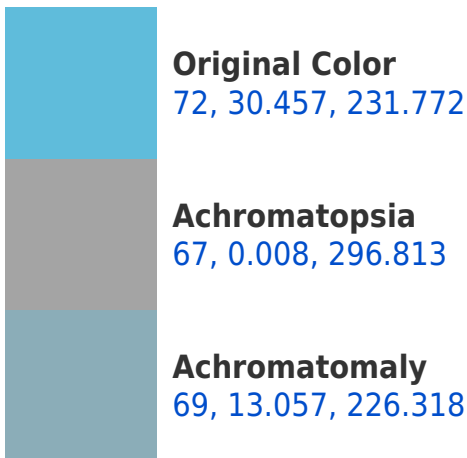


Tritanopia
72, 30.013, 213.288

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 30.457, 231.772 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(95, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(95, 188, 219)  
}
```

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(95, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 188, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 30.457, 231.772 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(95, 188, 219) }
```

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

```
.border{ border-color:rgb(95, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(95, 188,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 30.457, 231.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 188, 219) }
```

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

```
.background{ background-color: rgb(95, 188,  
219) }
```

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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