

Converting Colors

CIELCh(72, 31.139, 256.389)

Have a look what the booklet for
CIELCh(72, 31.139, 256.389)
contains.

CIELCh(72, 31.125, 256.336)	3
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Color

CIELCh(72, 31.125, 256.336)

Conversions

Conversions Part 1

Format	Color
Hex	78B7E7
RGB	120, 183, 231
RGB Percent	47%, 72%, 91%
CMY	0.5292, 0.2821, 0.0939
CMYK	0.48, 0.21, 0.00, 0.09
HSL	206°, 70%, 69%
HSV	206°, 48%, 91%
XYZ	39.1299, 43.6590, 82.0081
YIQ	169.6350, -52.9560, 1.5720

Conversions

Conversions Part 2

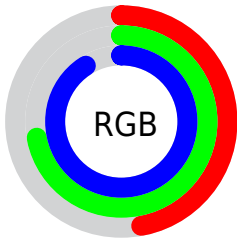
Format	Color
R _Y B	120, 160, 231
Decimal	7911399
CIE Lab	72.00, -7.35, -30.24
CIE LCh	72, 31.125, 256.336
Yxy	43.6590, 0.2374, 0.2649
Android (android.graphics.Color)	4286101479 (0xFF78B7E7)
YUV	169.6350, 30.2529, -43.5299
Hunter-Lab	66.0750, -9.9226, -27.3345

Details

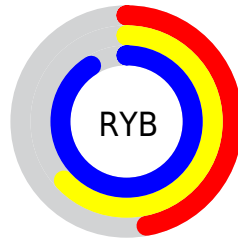
The CIELCh color **72, 31.125, 256.336** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 38.164, 62.525**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 21.073, 221.621**, and **52, 31.035, 256.496** is the 20% darker color. If you saturate the color by 10%, you get **68, 36.873, 259.301**, and if you desaturate by 10%, it is **76, 25.089, 253.869**.

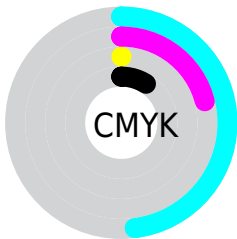
Distribution



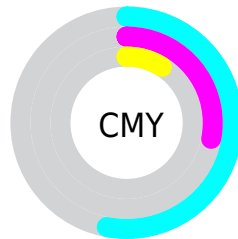
- Red (47%)
- Green (72%)
- Blue (91%)



- Red (47%)
- Yellow (63%)
- Blue (91%)



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)





- Cyan (53%)
- Magenta (28%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 31.125, 256.336 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, 31.125, 256.336 by changing the saturation by 10% instead.


 72, 31.125,
256.336


 72, 31.125,
256.336


 100, 31.125,
256.336


 62, 31.125,
256.336


 92, 31.125,
256.336

 52, 31.125,
256.336

 42, 31.125,
256.336

 32, 31.125,
256.336

 22, 31.125,
256.336

 12, 31.125,
256.336

 2, 31.125, 256.336

0, 31.125, 256.336

72, 31.125,
256.336

72, 31.125,
256.336

68, 36.873,
259.301

76, 25.089,
253.869

65, 42.353,
262.823

80, 18.785,
251.832

61, 47.632,
266.914

84, 12.248,
250.157

58, 52.826,
271.514

88, 5.522, 248.804


55, 58.099,
276.426

92, 1.350, 67.208

96, 7.467, 74.123

54, 59.169,
277.356

99, 11.140,
105.610

 99, 12.118,
109.262

Harmonies

Complementary

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



72, 31.125, 256.336



74, 38.164, 62.525

Rectangle

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



72, 31.125, 256.336



72, 31.125, 306.336



72, 31.125, 76.336



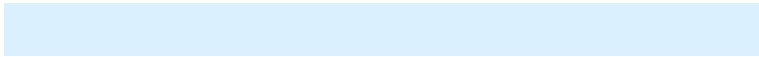
72, 31.125, 126.336

Sweetspot

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



72, 31.124, 256.335



94, 10.346, 249.582



84, 51.105, 154.598



49, 7.125, 249.891



0, 0.000, 0.000



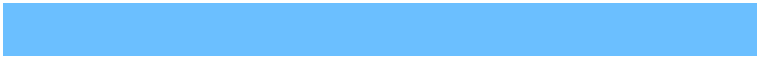
53, 0.007, 296.813

Same Dimension

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



72, 31.124, 256.335



75, 39.893, 259.391



58, 57.765, 293.941



46, 3.874, 248.974



42, 48.058, 276.464



10, 17.649, 267.210

Inverse Universe

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



65, 52.165, 344.805



66, 66.640, 346.231



87, 51.704, 101.547



45, 6.129, 340.884



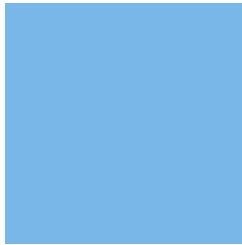
39, 66.028, 355.654



7, 28.397, 350.006

Previews

White Background



This preview shows how the CIELCh color 72, 31.125, 256.336 looks on a white background.

Color Contrast Check

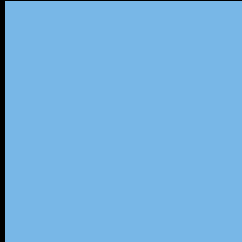
Large Text (above 18pt) WCAG AA × Fail

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, 31.125, 256.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

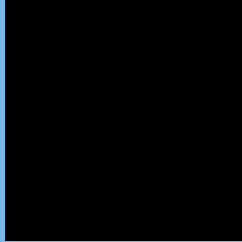
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

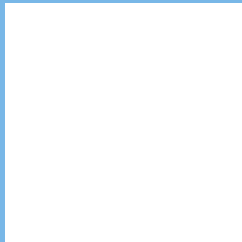
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 31.125, 256.336

Background



This preview shows how black text looks on a background with the CIELCh color 72, 31.125, 256.336.

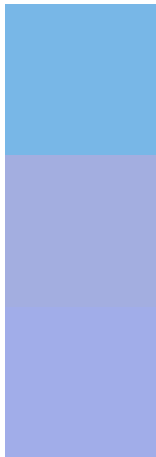


This preview shows how white text looks on a background with the CIELCh color 72, 31.125, 256.336.

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

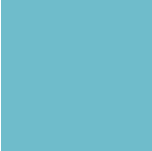
72, 31.125, 256.336

Protanopia

72, 27.377, 285.285

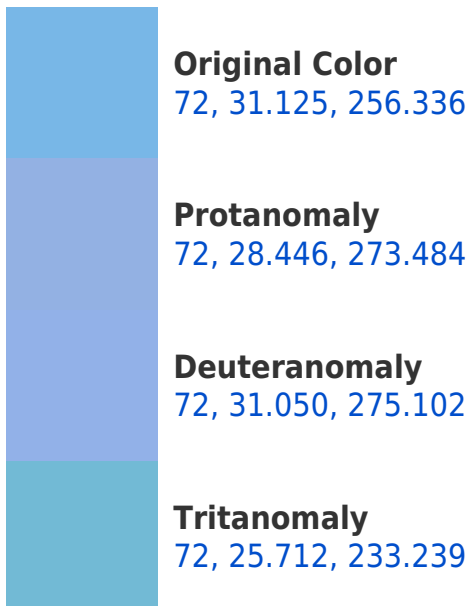
Deuteranopia

72, 32.802, 286.662

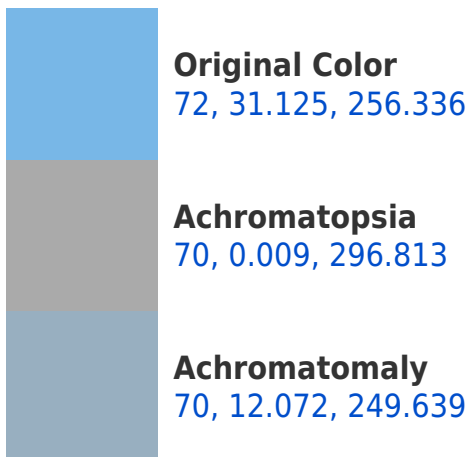


Tritanopia
72, 24.868, 217.074

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 31.125, 256.336 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(120, 183, 231)` looks like.

```
.text, #text, p{  
    color:rgb(120, 183, 231)  
}
```

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(120, 183, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 183, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 31.125, 256.336 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(120, 183, 231) }
```

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

```
.border{ border-color:rgb(120, 183, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 183, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 183, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 183, 231);  
box-shadow:4px 4px 4px 4px rgb(120, 183,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 31.125, 256.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 183, 231) }
```

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

```
.background{ background-color: rgb(120,  
183, 231) }
```

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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