

Converting Colors

CIELCh(72, 31.024, 224.396)

Have a look what the booklet for
CIELCh(72, 31.024, 224.396)
contains.

CIELCh(72, 31.007, 223.817)	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, 31.007, 223.817)

Conversions

Conversions Part 1

Format	Color
Hex	58BED7
RGB	88, 190, 215
RGB Percent	35%, 75%, 84%
CMY	0.6561, 0.2560, 0.1580
CMYK	0.59, 0.12, 0.00, 0.16
HSL	192°, 61%, 59%
HSV	192°, 59%, 84%
XYZ	34.5783, 43.6590, 70.7056
YIQ	162.3520, -68.8170, -13.8490

Conversions

Conversions Part 2

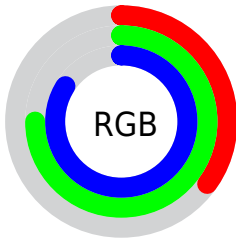
Format	Color
R _Y B	88, 145, 215
Decimal	5816023
CIE Lab	72.00, -22.37, -21.47
CIE LCh	72, 31.007, 223.817
Yxy	43.6590, 0.2322, 0.2931
Android (android.graphics.Color)	4284006103 (0xFF58BED7)
YUV	162.3520, 25.9555, -65.2067
Hunter-Lab	66.0750, -22.2188, -17.1927

Details

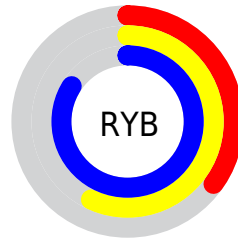
The CIELCh color **72, 31.007, 223.817** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **59, 49.409, 40.189**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 29.770, 206.702**, and **52, 30.771, 224.311** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.980, 225.756**, and if you desaturate by 10%, it is **74, 27.249, 222.325**.

Distribution



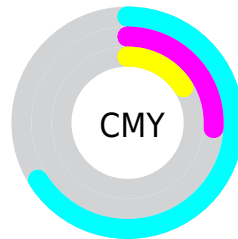
- Red (35%)
- Green (75%)
- Blue (84%)



- Red (35%)
- Yellow (57%)
- Blue (84%)



- Cyan (59%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)





- Cyan (66%)
- Magenta (26%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 31.007, 223.817 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, 31.007, 223.817 by changing the saturation by 10% instead.


 72, 31.007,
223.817


 72, 31.007,
223.817


 100, 31.007,
223.817


 62, 31.007,
223.817


 92, 31.007,
223.817

 52, 31.007,
223.817

 42, 31.007,
223.817

 32, 31.007,
223.817

 22, 31.007,
223.817

 12, 31.007,
223.817

 2, 31.007, 223.817

0, 31.007, 223.817

72, 31.007,
223.817

72, 31.007,
223.817

70, 33.980,
225.756

74, 27.249,
222.325

68, 36.159,
228.230

76, 22.768,
221.203

67, 37.601,
231.310

78, 17.650,
220.381

66, 38.494,
234.970

81, 11.992,
219.802

65, 38.566,
235.284

83, 5.895, 219.442

86, 0.550, 38.038

89, 7.263, 38.849

■ 91, 12.573, 41.205

■ 92, 12.171, 53.250

Harmonies

Complementary

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



72, 31.007, 223.817



59, 49.409, 40.189

Rectangle

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



72, 31.007, 223.817



72, 31.007, 273.817



72, 31.007, 43.817



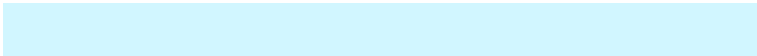
72, 31.007, 93.817

Sweetspot

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



72, 31.006, 223.816



95, 12.991, 219.757



77, 69.814, 144.297



50, 8.946, 219.898



0, 0.000, 0.000



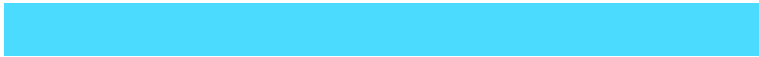
53, 0.007, 296.813

Same Dimension

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



72, 31.006, 223.816



82, 39.401, 226.329



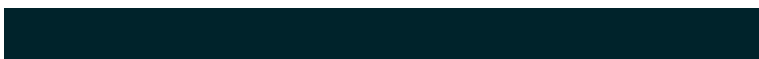
54, 50.345, 284.049



44, 3.643, 219.448



53, 32.480, 234.611



12, 12.649, 226.814

Inverse Universe

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



57, 68.336, 334.410



63, 89.131, 335.388



73, 49.491, 84.533



42, 6.846, 330.970



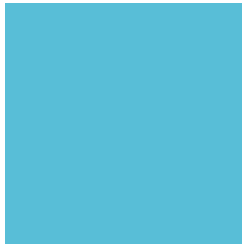
39, 73.544, 337.891



6, 28.513, 335.721

Previews

White Background



This preview shows how the CIELCh color 72, 31.007, 223.817 looks on a white background.

Color Contrast Check

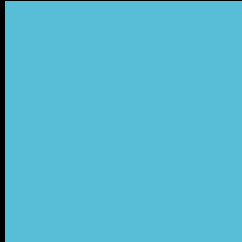
Large Text (above 18pt) WCAG AA × Fail

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, 31.007, 223.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

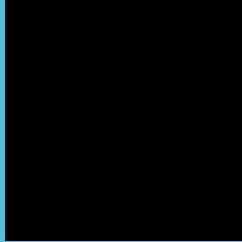
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 31.007, 223.817

Background



This preview shows how black text looks on a background with the CIELCh color 72, 31.007, 223.817.



This preview shows how white text looks on a background with the CIELCh color 72, 31.007, 223.817.

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](#).

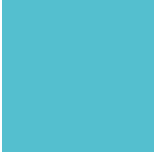
Dichromacy



Original Color
72, 31.007, 223.817

Protanopia
72, 16.391, 286.917

Deuteranopia
72, 25.643, 291.155



Tritanopia
72, 31.158, 213.682

Trichromacy



Original Color
72, 31.007, 223.817



Protanomaly
71, 19.664, 250.068



Deuteranomaly
71, 24.004, 262.011



Tritanomaly
72, 31.133, 216.949

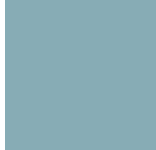
Monochromacy



Original Color
72, 31.007, 223.817



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 13.586, 219.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 31.007, 223.817 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(88, 190, 215)` looks like.

```
.text, #text, p{  
    color:rgb(88, 190, 215)  
}
```

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(88, 190, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 190, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 31.007, 223.817 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(88, 190, 215) }
```

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

```
.border{ border-color:rgb(88, 190, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 190, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 190, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 190, 215);  
box-shadow:4px 4px 4px 4px rgb(88, 190,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 31.007, 223.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 190, 215) }
```

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

```
.background{ background-color: rgb(88, 190,  
215) }
```

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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