

Converting Colors

CIELCh(71, 20.634, 224.394)

Have a look what the booklet for
CIELCh(71, 20.634, 224.394)
contains.

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Color

CIELCh(71, 20.621, 223.346)

Conversions

Conversions Part 1

Format	Color
Hex	7CB7C7
RGB	124, 183, 199
RGB Percent	49%, 72%, 78%
CMY	0.5144, 0.2830, 0.2203
CMYK	0.38, 0.08, 0.00, 0.22
HSL	193°, 40%, 63%
HSV	193°, 38%, 78%
XYZ	35.4773, 42.1875, 60.2042
YIQ	167.1830, -40.3000, -7.5320

Conversions

Conversions Part 2

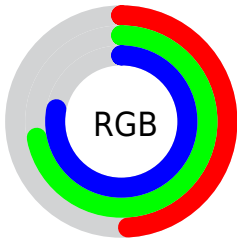
Format	Color
RYB	124, 157, 199
Decimal	8173511
CIELab	71.00, -15.00, -14.15
CIElCh	71, 20.621, 223.346
Yxy	42.1875, 0.2573, 0.3060
Android (android.graphics.Color)	4286363591 (0xFF7CB7C7)
YUV	167.1830, 15.6858, -37.8715
Hunter-Lab	64.9519, -16.1676, -9.4898

Details

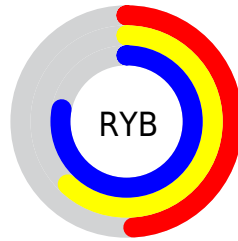
The CIELCh color **71, 20.621, 223.346** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 26.909, 40.648**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 20.549, 222.280**, and **51, 20.682, 222.950** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.938, 224.541**, and if you desaturate by 10%, it is **73, 15.740, 222.451**.

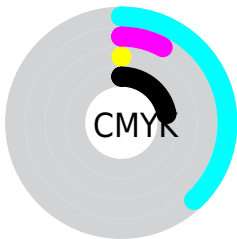
Distribution



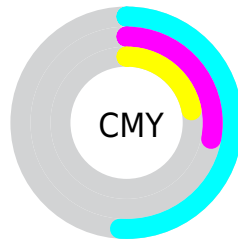
- Red (49%)
- Green (72%)
- Blue (78%)



- Red (49%)
- Yellow (62%)
- Blue (78%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)





- Cyan (51%)
- Magenta (28%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 20.621, 223.346 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 71, 20.621, 223.346 by changing the saturation by 10% instead.


 71, 20.621,
223.346


 71, 20.621,
223.346


 100, 20.621,
223.346


 61, 20.621,
223.346


 91, 20.621,
223.346

 51, 20.621,
223.346

 41, 20.621,
223.346

 31, 20.621,
223.346

 21, 20.621,
223.346

 11, 20.621,
223.346

 1, 20.621, 223.346

0, 20.621, 223.346

71, 20.621,
223.346

71, 20.621,
223.346

69, 24.938,
224.541

73, 15.740,
222.451

67, 28.612,
226.118

76, 10.385,
221.809

65, 31.587,
228.156

78, 4.645, 221.402

63, 33.846,
230.742

81, 1.401, 40.581

62, 35.438,
233.952

83, 7.680, 40.686

60, 36.507,
237.786

86, 14.133, 40.599

88, 17.776, 43.862

■ 60, 36.739,
238.686

■ 89, 17.383, 52.357

■ 90, 17.391, 61.027

Harmonies

Complementary

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



71, 20.621, 223.346



64, 26.909, 40.648

Rectangle

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



71, 20.621, 223.346



71, 20.621, 273.346



71, 20.621, 43.346



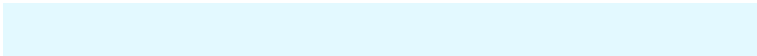
71, 20.621, 93.346

Sweetspot

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



71, 20.621, 223.343



97, 8.033, 221.511



74, 42.593, 147.489



51, 5.378, 221.565



0, 0.000, 0.000



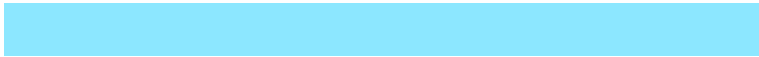
53, 0.007, 296.813

Same Dimension

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



71, 20.621, 223.343



87, 29.067, 224.267



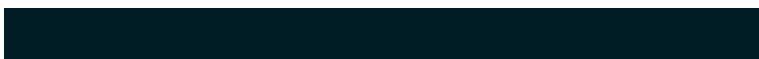
61, 30.117, 279.764



41, 3.400, 221.449



50, 31.666, 238.028



9, 11.137, 228.680

Inverse Universe

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



62, 42.351, 333.486



73, 61.206, 334.061



73, 29.866, 88.898



39, 6.365, 331.554



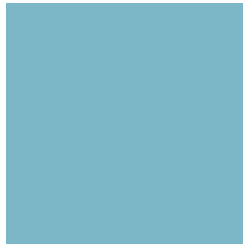
37, 70.279, 338.854



4, 22.184, 335.691

Previews

White Background



This preview shows how the CIELCh color 71, 20.621, 223.346 looks on a white background.

Color Contrast Check

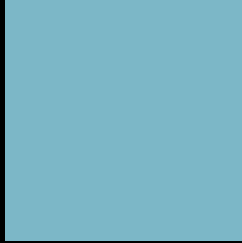
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 20.621, 223.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

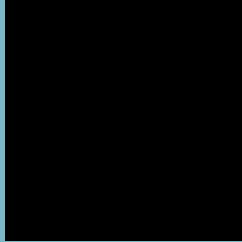
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

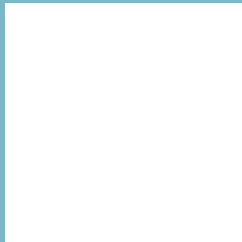
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 20.621, 223.346

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.621, 223.346.



This preview shows how white text looks on a background with the CIELCh color 71, 20.621, 223.346.

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

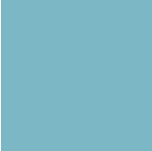
71, 20.621, 223.346

Protanopia

71, 10.935, 289.385

Deuteranopia

71, 18.278, 299.653



Tritanopia
71, 20.469, 221.839

Trichromacy



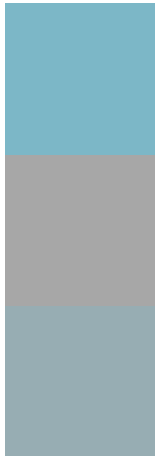
Original Color
71, 20.621, 223.346

Protanomaly
71, 12.261, 252.641

Deuteranomaly
71, 15.697, 269.878

Tritanomaly
71, 20.469, 221.839

Monochromacy



Original Color
71, 20.621, 223.346

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.466, 221.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.621, 223.346 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(124, 183, 199)` looks like.

```
.text, #text, p{  
    color:rgb(124, 183, 199)  
}
```

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(124, 183, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 183, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.621, 223.346 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(124, 183, 199) }
```

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

```
.border{ border-color:rgb(124, 183, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 183, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 183, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 183, 199);  
box-shadow:4px 4px 4px 4px rgb(124, 183,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.621, 223.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 183, 199) }
```

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

```
.background{ background-color: rgb(124,  
183, 199) }
```

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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