

Converting Colors

CIELCh(71, 21.394, 218.074)

Have a look what the booklet for
CIELCh(71, 21.394, 218.074)
contains.

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Color

CIELCh(71, 21.500, 217.363)

Conversions

Conversions Part 1

Format	Color
Hex	78B8C5
RGB	120, 184, 197
RGB Percent	47%, 72%, 77%
CMY	0.5303, 0.2793, 0.2283
CMYK	0.39, 0.07, 0.00, 0.23
HSL	190°, 40%, 62%
HSV	190°, 39%, 77%
XYZ	34.8623, 42.1875, 58.9947
YIQ	166.3460, -42.3170, -9.5250

Conversions

Conversions Part 2

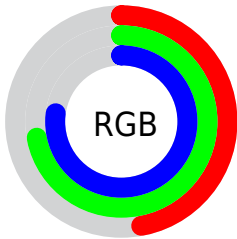
Format	Color
R_{YB}	120, 155, 197
Decimal	7911621
CIE _{Lab}	71.00, -17.09, -13.05
CIE _{LCh}	71, 21.500, 217.363
Yxy	42.1875, 0.2563, 0.3101
Android (android.graphics.Color)	4286101701 (0xFF78B8C5)
YUV	166.3460, 15.1124, -40.6454
Hunter-Lab	64.9519, -17.8577, -8.3857

Details

The CIELCh color **71, 21.500, 217.363** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 28.612, 36.511**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 21.601, 217.969**, and **51, 21.462, 216.718** is the 20% darker color. If you saturate the color by 10%, you get **69, 25.707, 218.230**, and if you desaturate by 10%, it is **73, 16.676, 216.748**.

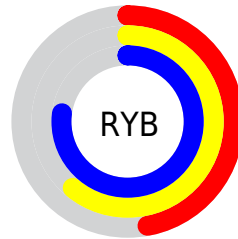
Distribution



Red (47%)

Green (72%)

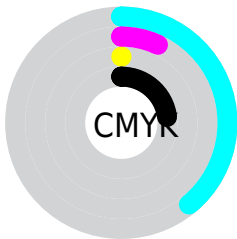
Blue (77%)



Red (47%)

Yellow (61%)

Blue (77%)

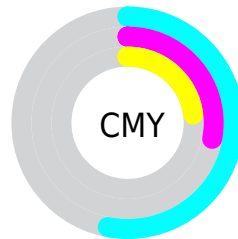


Cyan (39%)

Magenta (7%)

Yellow (0%)

Black (23%)



Cyan (53%)


Magenta (28%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 21.500, 217.363 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, 21.500, 217.363 by changing the saturation by 10% instead.


 71, 21.500,
217.363


 71, 21.500,
217.363


 100, 21.500,
217.363


 61, 21.500,
217.363


 91, 21.500,
217.363

 51, 21.500,
217.363

 41, 21.500,
217.363

 31, 21.500,
217.363

 21, 21.500,
217.363

 11, 21.500,
217.363

 1, 21.500, 217.363

■ 0, 21.500, 217.363

■ 71, 21.500,
217.363

■ 71, 21.500,
217.363

■ 69, 25.707,
218.230

■ 73, 16.676,
216.748

■ 67, 29.212,
219.416

■ 75, 11.332,
216.347

■ 66, 31.954,
220.986

■ 77, 5.563, 216.140

■ 80, 0.543, 34.911

■ 65, 33.913,
223.015

■ 82, 6.906, 35.799

■ 63, 35.131,
225.568

■ 85, 13.460, 35.877

■ 62, 35.779,
228.629

■ 87, 19.191, 36.710

■ 62, 35.831,
228.901

■ 88, 18.578, 42.693

■ 89, 18.185, 49.007

Harmonies

Complementary

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



71, 21.500, 217.363



62, 28.612, 36.511

Rectangle

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



71, 21.500, 217.363



71, 21.500, 267.363



71, 21.500, 37.363



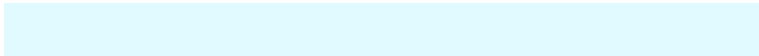
71, 21.500, 87.363

Sweetspot

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



71, 21.500, 217.360



97, 8.953, 216.180



73, 44.851, 146.260



51, 5.917, 216.204



0, 0.000, 0.000



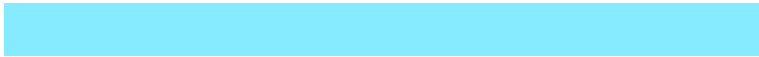
53, 0.007, 296.813

Same Dimension

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



71, 21.500, 217.360



88, 30.577, 218.090



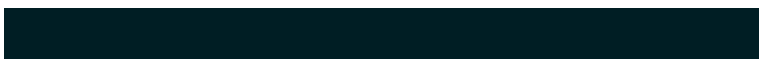
60, 29.721, 277.614



41, 3.484, 216.142



52, 31.182, 228.401



9, 11.291, 220.755

Inverse Universe

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



60, 44.844, 331.910



73, 65.630, 332.479



71, 29.934, 86.047



39, 6.569, 330.000



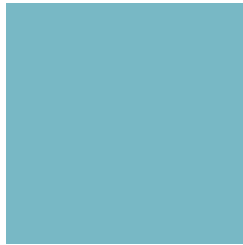
37, 72.638, 336.226



4, 23.079, 333.524

Previews

White Background



This preview shows how the CIELCh color 71, 21.500, 217.363 looks on a white background.

Color Contrast Check

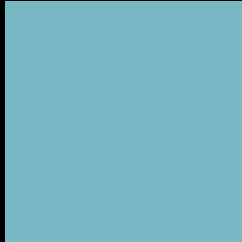
Large Text (above 18pt) WCAG AA × Fail

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 71, 21.500, 217.363 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, 21.500, 217.363

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.500, 217.363.

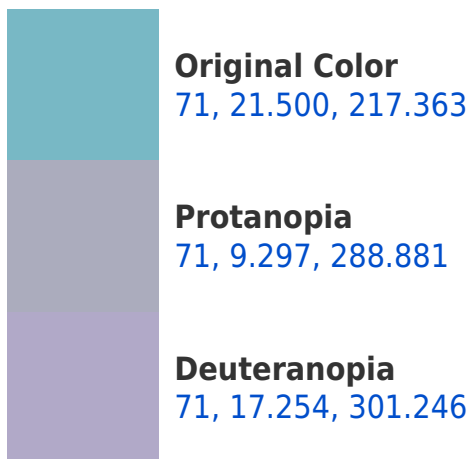


This preview shows how white text looks on a background with the CIELCh color 71, 21.500, 217.363.

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
71, 21.607, 218.831

Trichromacy



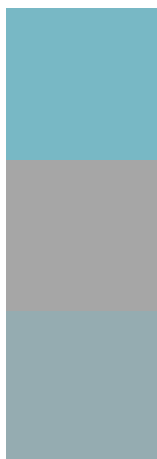
Original Color
71, 21.500, 217.363

Protanomaly
71, 11.896, 246.512

Deuteranomaly
70, 14.828, 266.888

Tritanomaly
71, 21.607, 218.831

Monochromacy



Original Color
71, 21.500, 217.363

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.636, 217.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.500, 217.363 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, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(120, 184, 197)  
}
```

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, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 184, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.500, 217.363 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, 184, 197) }
```

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

```
.border{ border-color:rgb(120, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(120, 184,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.500, 217.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 184, 197) }
```

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

```
.background{ background-color: rgb(120,  
184, 197) }
```

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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