

Converting Colors

CIELCh(71, 21.609, 238.016)

Have a look what the booklet for
CIELCh(71, 21.609, 238.016)
contains.

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Color

CIELCh(71, 21.480, 238.145)

Conversions

Conversions Part 1

Format	Color
Hex	7FB5CE
RGB	127, 181, 206
RGB Percent	50%, 71%, 81%
CMY	0.5007, 0.2889, 0.1909
CMYK	0.38, 0.12, 0.00, 0.19
HSL	199°, 45%, 65%
HSV	199°, 38%, 81%
XYZ	36.5702, 42.1875, 64.8179
YIQ	167.7040, -40.2090, -3.6730

Conversions

Conversions Part 2

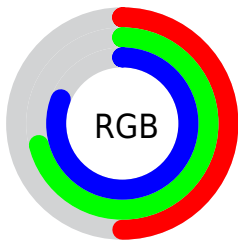
Format	Color
RYB	127, 159, 206
Decimal	8369614
CIELab	71.00, -11.34, -18.24
CIELCh	71, 21.480, 238.145
Yxy	42.1875, 0.2547, 0.2938
Android (android.graphics.Color)	4286559694 (0xFF7FB5CE)
YUV	167.7040, 18.8799, -35.6974
Hunter-Lab	64.9519, -13.1641, -13.7014

Details

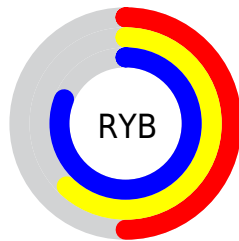
The CIELCh color **71, 21.480, 238.145** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 27.056, 51.163**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.613, 227.048**, and **51, 21.632, 238.788** is the 20% darker color. If you saturate the color by 10%, you get **68, 26.169, 240.127**, and if you desaturate by 10%, it is **74, 16.346, 236.565**.

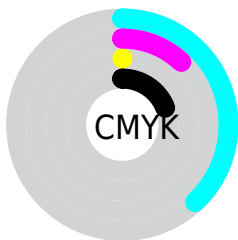
Distribution



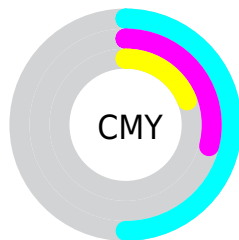
- Red (50%)
- Green (71%)
- Blue (81%)



- Red (50%)
- Yellow (62%)
- Blue (81%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)





- Cyan (50%)
- Magenta (29%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 21.480, 238.145 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, 21.480, 238.145 by changing the saturation by 10% instead.


 71, 21.480,
238.145


 71, 21.480,
238.145


 100, 21.480,
238.145


 61, 21.480,
238.145


 91, 21.480,
238.145

 51, 21.480,
238.145

 41, 21.480,
238.145

 31, 21.480,
238.145

 21, 21.480,
238.145

 11, 21.480,
238.145

 1, 21.480, 238.145

■ 0, 21.480, 238.145

■ 71, 21.480,
238.145

■ 71, 21.480,
238.145

■ 68, 26.169,
240.127

■ 74, 16.346,
236.565

■ 65, 30.365,
242.606

■ 77, 10.836,
235.322

■ 63, 34.044,
245.667

■ 80, 5.017, 234.376

■ 83, 1.047, 52.994

■ 60, 37.234,
249.383

■ 87, 7.298, 52.777

■ 58, 40.026,
253.775

■ 90, 13.689, 52.304

■ 56, 42.605,
258.717

■ 92, 15.038, 64.825

■ 56, 43.060,
259.552

■ 94, 16.164, 79.105

■ 95, 18.142, 90.824

Harmonies

Complementary

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



71, 21.480, 238.145



67, 27.056, 51.163

Rectangle

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



71, 21.480, 238.145



71, 21.480, 288.145



71, 21.480, 58.145



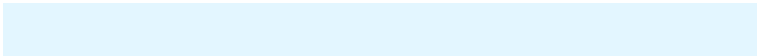
71, 21.480, 108.145

Sweetspot

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



71, 21.479, 238.142



96, 7.860, 234.612



77, 41.290, 150.988



51, 5.266, 234.736



0, 0.000, 0.000



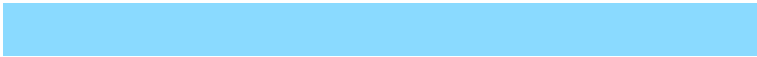
53, 0.007, 296.813

Same Dimension

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



71, 21.479, 238.142



83, 29.790, 239.752



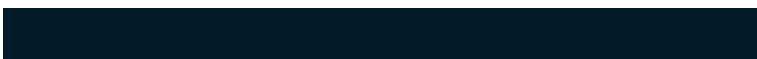
61, 35.785, 286.197



41, 3.394, 234.463



45, 36.288, 258.677



8, 12.233, 247.074

Inverse Universe

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



63, 41.301, 337.876



72, 58.322, 338.631



77, 34.109, 95.895



40, 6.037, 335.576



37, 66.282, 345.928



4, 22.442, 341.762

Previews

White Background



This preview shows how the CIE LCh color 71, 21.480, 238.145 looks on a white background.

Color Contrast Check

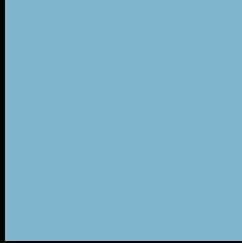
Large Text (above 18pt) WCAG AA × Fail

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, 21.480, 238.145 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, 21.480, 238.145

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.480, 238.145.



This preview shows how white text looks on a background with the CIELCh color 71, 21.480, 238.145.

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, 21.480, 238.145

Protanopia

71, 15.340, 286.463

Deuteranopia

71, 21.947, 294.992



Tritanopia
71, 20.072, 220.630

Trichromacy



Original Color
71, 21.480, 238.145

Protanomaly
71, 16.310, 264.407

Deuteranomaly
71, 19.792, 275.326

Tritanomaly
71, 20.236, 227.475

Monochromacy



Original Color
71, 21.480, 238.145

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.569, 234.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.480, 238.145 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(127, 181, 206)` looks like.

```
.text, #text, p{  
    color:rgb(127, 181, 206)  
}
```

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(127, 181, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 181, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.480, 238.145 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(127, 181, 206) }
```

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

```
.border{ border-color:rgb(127, 181, 206) }
```

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

Here you see how a box with a 4 pixel rgb(127, 181, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 181, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 181, 206);  
box-shadow:4px 4px 4px 4px rgb(127, 181,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.480, 238.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 181, 206) }
```

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

```
.background{ background-color: rgb(127,  
181, 206) }
```

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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