

Converting Colors

CIELCh(70, 21.059, 206.996)

Have a look what the booklet for
CIELCh(70, 21.059, 206.996)
contains.

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Color

CIELCh(70, 21.135, 206.820)

Conversions

Conversions Part 1

Format	Color
Hex	76B6BC
RGB	118, 182, 188
RGB Percent	46%, 71%, 74%
CMY	0.5386, 0.2877, 0.2642
CMYK	0.37, 0.03, 0.00, 0.26
HSL	185°, 34%, 60%
HSV	185°, 37%, 74%
XYZ	33.1147, 40.7494, 53.4919
YIQ	163.5480, -40.0700, -11.7020

Conversions

Conversions Part 2

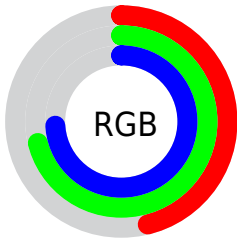
Format	Color
R _Y B	118, 151, 188
Decimal	7780028
CIE Lab	70.00, -18.86, -9.54
CIE LCh	70, 21.135, 206.820
Yxy	40.7494, 0.2600, 0.3200
Android (android.graphics.Color)	4285970108 (0xFF76B6BC)
YUV	163.5480, 12.0548, -39.9456
Hunter-Lab	63.8353, -19.1145, -4.9984

Details

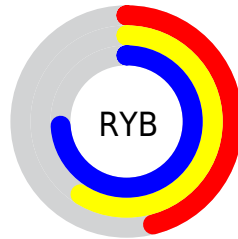
The CIELCh color **70, 21.135, 206.820** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58, 27.702, 29.240**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 21.102, 206.652**, and **50, 21.247, 206.951** is the 20% darker color. If you saturate the color by 10%, you get **69, 25.518, 206.989**, and if you desaturate by 10%, it is **71, 16.117, 206.789**.

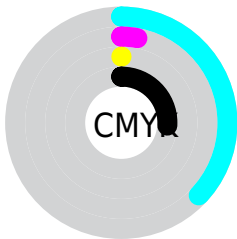
Distribution



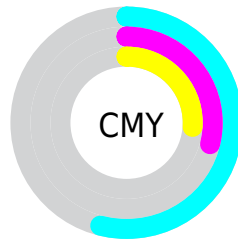
- Red (46%)
- Green (71%)
- Blue (74%)



- Red (46%)
- Yellow (59%)
- Blue (74%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)





- Cyan (54%)
- Magenta (29%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.135, 206.820 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 70, 21.135, 206.820 by changing the saturation by 10% instead.


 70, 21.135,
206.820


 70, 21.135,
206.820


 100, 21.135,
206.820


 60, 21.135,
206.820


 90, 21.135,
206.820

 50, 21.135,
206.820

 40, 21.135,
206.820

 30, 21.135,
206.820

 20, 21.135,
206.820

 10, 21.135,
206.820

 0, 21.135, 206.820

70, 21.135,
206.820

70, 21.135,
206.820

69, 25.518,
206.989

71, 16.117,
206.789

68, 29.175,
207.331

73, 10.567,
206.886

67, 32.034,
207.875

75, 4.585, 207.123

66, 34.062,
208.651

77, 1.733, 26.946

79, 8.304, 27.489

65, 35.275,
209.690

81, 15.056, 27.861

64, 35.774,
211.001

83, 21.930, 28.246

84, 23.823, 29.793

64, 35.863,
211.374

84, 23.373, 31.953

Harmonies

Complementary

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



70, 21.135, 206.820



58, 27.702, 29.240

Rectangle

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



70, 21.135, 206.820



70, 21.135, 256.820



70, 21.135, 26.820



70, 21.135, 76.820

Sweetspot

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



70, 21.135, 206.817



94, 8.487, 207.007



70, 43.707, 143.953



50, 5.679, 206.976



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 21.135, 206.817



88, 30.379, 206.951



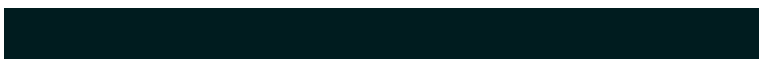
60, 24.505, 270.137



39, 3.556, 207.056



55, 31.626, 211.159



8, 10.413, 208.674

Inverse Universe

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



59, 43.606, 328.969



71, 64.551, 329.440



67, 25.810, 78.993



37, 6.666, 327.348



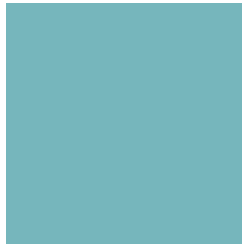
37, 75.653, 331.918



3, 19.751, 328.665

Previews

White Background



This preview shows how the CIELCh color 70, 21.135, 206.820 looks on a white background.

Color Contrast Check

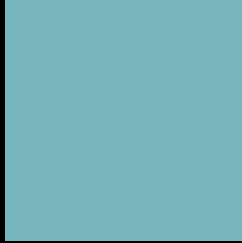
Large Text (above 18pt) WCAG AA × Fail

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 70, 21.135, 206.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

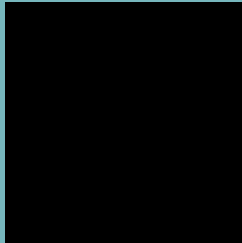
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 21.135, 206.820

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.135, 206.820.

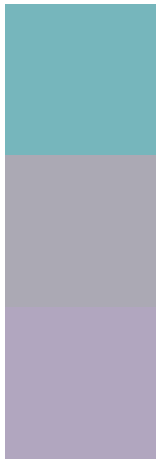


This preview shows how white text looks on a background with the CIELCh color 70, 21.135, 206.820.

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](#).

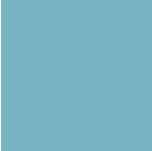
Dichromacy



Original Color
70, 21.135, 206.820

Protanopia
70, 6.092, 297.725

Deuteranopia
70, 14.347, 307.573



Tritanopia
70, 20.735, 221.564

Trichromacy



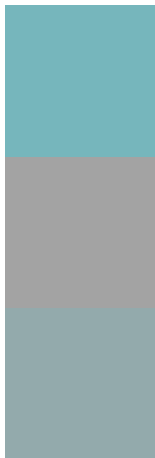
Original Color
70, 21.135, 206.820

Protanomaly
70, 9.130, 231.721

Deuteranomaly
70, 11.382, 259.572

Tritanomaly
70, 20.808, 214.886

Monochromacy



Original Color
70, 21.135, 206.820

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.383, 206.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.135, 206.820 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(118, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(118, 182, 188)  
}
```

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(118, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 182, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.135, 206.820 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(118, 182, 188) }
```

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

```
.border{ border-color:rgb(118, 182, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 182, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 182, 188);  
box-shadow:4px 4px 4px 4px rgb(118, 182,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.135, 206.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 182, 188) }
```

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

```
.background{ background-color: rgb(118,  
182, 188) }
```

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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