

Converting Colors

CIELCh(71, 30.422, 194.299)

Have a look what the booklet for
CIELCh(71, 30.422, 194.299)
contains.

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Color

CIELCh(71, 30.485, 193.950)

Conversions

Conversions Part 1

Format	Color
Hex	5ABDBA
RGB	90, 189, 186
RGB Percent	35%, 74%, 73%
CMY	0.6465, 0.2583, 0.2700
CMYK	0.52, 0.00, 0.02, 0.26
HSL	178°, 43%, 55%
HSV	178°, 52%, 74%
XYZ	31.3364, 42.1875, 53.0229
YIQ	159.0570, -58.0410, -21.9210

Conversions

Conversions Part 2

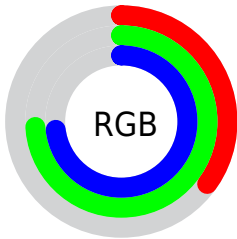
Format	Color
RYB	90, 140, 189
Decimal	5946810
CIELab	71.00, -29.59, -7.35
CIElCh	71, 30.485, 193.950
Yxy	42.1875, 0.2476, 0.3334
Android (android.graphics.Color)	4284136890 (0xFF5ABDBA)
YUV	159.0570, 13.2829, -60.5630
Hunter-Lab	64.9519, -27.5476, -2.9345

Details

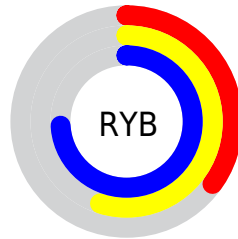
The CIELCh color **71, 30.485, 193.950** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51, 43.655, 23.388**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 30.573, 193.543**, and **51, 30.393, 194.221** is the 20% darker color. If you saturate the color by 10%, you get **70, 34.244, 193.472**, and if you desaturate by 10%, it is **72, 25.927, 194.454**.

Distribution



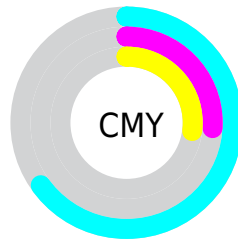
- Red (35%)
- Green (74%)
- Blue (73%)



- Red (35%)
- Yellow (55%)
- Blue (74%)



- Cyan (52%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)





- Cyan (65%)
- Magenta (26%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.485, 193.950 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, 30.485, 193.950 by changing the saturation by 10% instead.


 71, 30.485,
193.950


 71, 30.485,
193.950


 100, 30.485,
193.950


 61, 30.485,
193.950


 91, 30.485,
193.950

 51, 30.485,
193.950

 41, 30.485,
193.950

 31, 30.485,
193.950

 21, 30.485,
193.950

 11, 30.485,
193.950

 1, 30.485, 193.950

0, 30.485, 193.950

71, 30.485,
193.950

71, 30.485,
193.950

70, 34.244,
193.472

72, 25.927,
194.454

70, 37.150,
193.020

73, 20.654,
194.993

70, 39.198,
192.586

74, 14.771,
195.566

69, 40.438,
192.157

75, 8.391, 196.184

69, 41.000,
191.829

76, 1.623, 197.059

78, 5.430, 17.270

79, 12.679, 17.972

■ 81, 20.049, 18.641

■ 83, 25.357, 18.925

Harmonies

Complementary

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



71, 30.485, 193.950



51, 43.655, 23.388

Rectangle

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



71, 30.485, 193.950



71, 30.485, 243.950



71, 30.485, 13.950



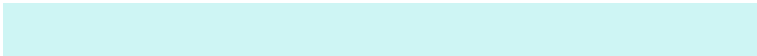
71, 30.485, 63.950

Sweetspot

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



71, 30.485, 193.948



94, 13.283, 195.935



69, 63.386, 139.493



50, 8.913, 195.808



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 30.485, 193.948



89, 42.224, 193.395



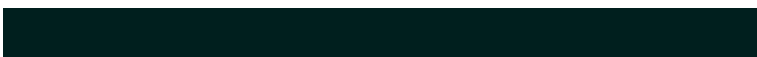
58, 29.757, 261.613



39, 3.875, 196.384



59, 35.895, 191.888



9, 11.811, 193.347

Inverse Universe

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



51, 43.655, 23.388



60, 66.234, 26.411



61, 35.828, 65.586



37, 4.096, 17.460



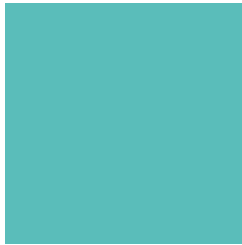
32, 71.631, 38.438



3, 12.262, 17.656

Previews

White Background



This preview shows how the CIELCh color 71, 30.485, 193.950 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, 30.485, 193.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

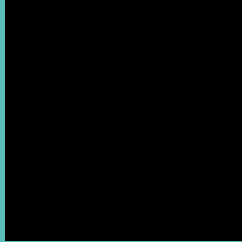
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

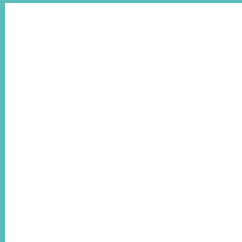
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 30.485, 193.950

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.485, 193.950.

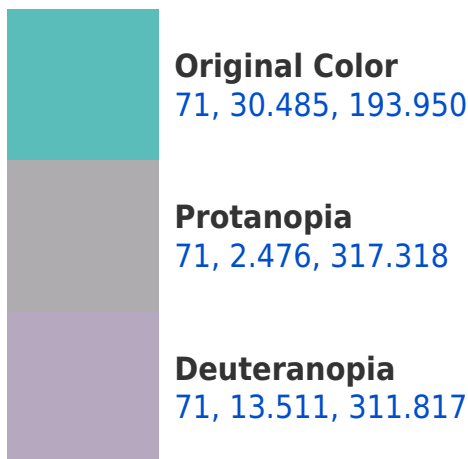


This preview shows how white text looks on a background with the CIELCh color 71, 30.485, 193.950.

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, 27.950, 214.679

Trichromacy



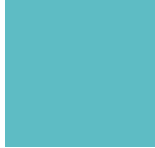
Original Color
71, 30.485, 193.950



Protanomaly
70, 12.040, 203.717



Deuteranomaly
70, 11.876, 235.771



Tritanomaly
71, 28.493, 206.213

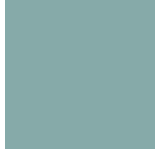
Monochromacy



Original Color
71, 30.485, 193.950



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 12.885, 195.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.485, 193.950 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(90, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(90, 189, 186)  
}
```

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(90, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 189, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.485, 193.950 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(90, 189, 186) }
```

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

```
.border{ border-color:rgb(90, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(90, 189,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.485, 193.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 189, 186) }
```

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

```
.background{ background-color: rgb(90, 189,  
186) }
```

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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