

Converting Colors

CIELCh(71, 30.544, 188.772)

Have a look what the booklet for
CIELCh(71, 30.544, 188.772)
contains.

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Color

CIELCh(71, 30.607, 188.750)

Conversions

Conversions Part 1

Format	Color
Hex	5DBDB5
RGB	93, 189, 181
RGB Percent	36%, 74%, 71%
CMY	0.6343, 0.2578, 0.2892
CMYK	0.51, 0.00, 0.04, 0.26
HSL	175°, 42%, 55%
HSV	175°, 51%, 74%
XYZ	31.1558, 42.1875, 50.3467
YIQ	159.3840, -54.6480, -22.8400

Conversions

Conversions Part 2

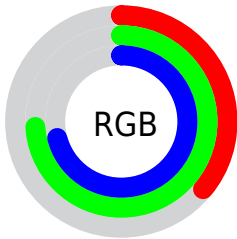
Format	Color
RYB	93, 143, 189
Decimal	6143413
CIELab	71.00, -30.25, -4.66
CIElCh	71, 30.607, 188.750
Yxy	42.1875, 0.2519, 0.3411
Android (android.graphics.Color)	4284333493 (0xFF5DBDB5)
YUV	159.3840, 10.6567, -58.2188
Hunter-Lab	64.9519, -28.0440, -0.4916

Details

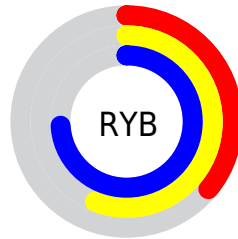
The CIELCh color **71, 30.607, 188.750** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51, 41.600, 19.126**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 30.746, 188.644**, and **51, 30.590, 188.647** is the 20% darker color. If you saturate the color by 10%, you get **70, 34.763, 187.963**, and if you desaturate by 10%, it is **72, 25.690, 189.512**.

Distribution



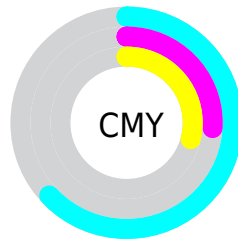
- Red (36%)
- Green (74%)
- Blue (71%)



- Red (36%)
- Yellow (56%)
- Blue (74%)



- Cyan (51%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)





- Cyan (63%)
- Magenta (26%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.607, 188.750 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, 30.607, 188.750 by changing the saturation by 10% instead.


 71, 30.607,
188.750


 71, 30.607,
188.750


 100, 30.607,
188.750


 61, 30.607,
188.750


 91, 30.607,
188.750

 51, 30.607,
188.750

 41, 30.607,
188.750

 31, 30.607,
188.750

 21, 30.607,
188.750

 11, 30.607,
188.750

 1, 30.607, 188.750

0, 30.607, 188.750

71, 30.607,
188.750

71, 30.607,
188.750

70, 34.763,
187.963

72, 25.690,
189.512

70, 38.090,
187.143

73, 20.109,
190.265

69, 40.565,
186.272

74, 13.975,
191.016

69, 42.220,
185.335

75, 7.404, 191.784

69, 43.202,
184.412

77, 0.505, 193.472

78, 6.622, 13.100

80, 13.894, 13.867

■ 82, 21.241, 14.600

■ 83, 25.275, 14.149

Harmonies

Complementary

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



71, 30.607, 188.750



51, 41.600, 19.126

Rectangle

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



71, 30.607, 188.750



71, 30.607, 238.750



71, 30.607, 8.750



71, 30.607, 58.750

Sweetspot

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



71, 30.607, 188.748



94, 12.641, 191.432



70, 60.489, 138.246



50, 8.577, 191.271



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, 30.607, 188.748



89, 42.735, 187.863



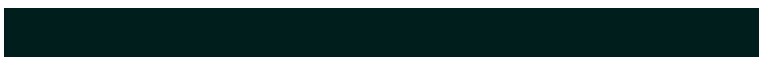
60, 26.952, 252.608



39, 3.915, 191.895



59, 37.774, 184.561



9, 12.140, 187.646

Inverse Universe

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



51, 41.600, 19.126



61, 62.683, 22.013



60, 34.458, 59.014



37, 4.114, 13.178



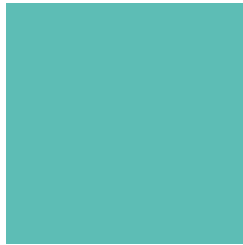
32, 69.615, 36.137



3, 12.308, 14.608

Previews

White Background



This preview shows how the CIELCh color 71, 30.607, 188.750 looks on a white background.

Color Contrast Check

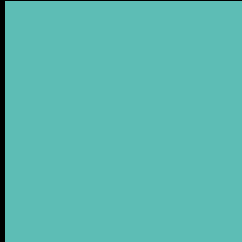
Large Text (above 18pt) WCAG AA × Fail

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, 30.607, 188.750 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, 30.607, 188.750

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.607, 188.750.

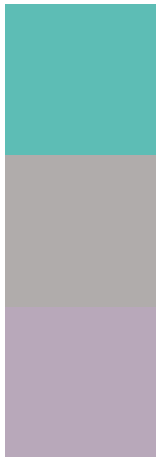


This preview shows how white text looks on a background with the CIELCh color 71, 30.607, 188.750.

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

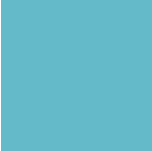
71, 30.607, 188.750

Protanopia

71, 1.601, 39.111

Deuteranopia

71, 11.534, 321.841



Tritanopia
71, 26.879, 215.470

Trichromacy



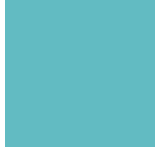
Original Color
71, 30.607, 188.750



Protanomaly
70, 11.657, 190.348



Deuteranomaly
70, 9.764, 225.547



Tritanomaly
71, 27.404, 205.467

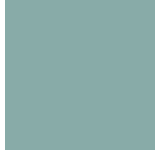
Monochromacy



Original Color
71, 30.607, 188.750



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 12.733, 190.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.607, 188.750 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(93, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(93, 189, 181)  
}
```

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(93, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 189, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.607, 188.750 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(93, 189, 181) }
```

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

```
.border{ border-color:rgb(93, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 189, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 189, 181);  
box-shadow:4px 4px 4px 4px rgb(93, 189,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.607, 188.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 189, 181) }
```

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

```
.background{ background-color: rgb(93, 189,  
181) }
```

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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