

Converting Colors

CIELCh(70, 31.222, 207.534)

Have a look what the booklet for
CIELCh(70, 31.222, 207.534)
contains.

CIELCh(70, 31.165, 207.349)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 31.165, 207.349)

Conversions

Conversions Part 1

Format	Color
Hex	4EBAC4
RGB	78, 186, 196
RGB Percent	31%, 73%, 77%
CMY	0.6939, 0.2704, 0.2312
CMYK	0.60, 0.05, 0.00, 0.23
HSL	185°, 50%, 54%
HSV	185°, 60%, 77%
XYZ	30.6861, 40.7494, 58.5030
YIQ	154.8480, -67.5780, -19.7860

Conversions

Conversions Part 2

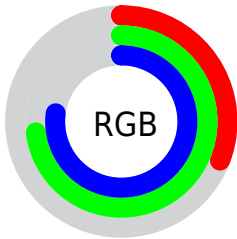
Format	Color
RYB	78, 134, 196
Decimal	5159620
CIELab	70.00, -27.68, -14.32
CIELCh	70, 31.165, 207.349
Yxy	40.7494, 0.2362, 0.3136
Android (android.graphics.Color)	4283349700 (0xFF4EBAC4)
YUV	154.8480, 20.2879, -67.3957
Hunter-Lab	63.8353, -25.9054, -9.6528

Details

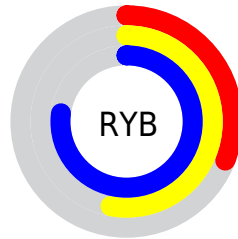
The CIELCh color **70, 31.165, 207.349** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **51, 50.237, 32.360**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 31.158, 208.202**, and **50, 29.689, 208.154** is the 20% darker color. If you saturate the color by 10%, you get **69, 33.867, 207.950**, and if you desaturate by 10%, it is **71, 27.618, 206.954**.

Distribution



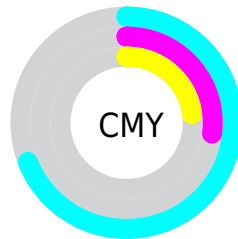
- Red (31%)
- Green (73%)
- Blue (77%)



- Red (31%)
- Yellow (53%)
- Blue (77%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)





- Cyan (69%)
- Magenta (27%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 31.165, 207.349 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, 31.165, 207.349 by changing the saturation by 10% instead.


 70, 31.165,
207.349


 70, 31.165,
207.349


 100, 31.165,
207.349


 60, 31.165,
207.349


 90, 31.165,
207.349

 50, 31.165,
207.349

 40, 31.165,
207.349

 30, 31.165,
207.349

 20, 31.165,
207.349

 10, 31.165,
207.349

 0, 31.165, 207.349

70, 31.165,
207.349

70, 31.165,
207.349

69, 33.867,
207.950

71, 27.618,
206.954

68, 35.703,
208.795

72, 23.289,
206.740

67, 36.709,
209.909

74, 18.270,
206.678

67, 37.078,
211.239

76, 12.665,
206.744

77, 6.581, 206.936

79, 0.120, 211.651

81, 6.628, 27.291

83, 13.585, 27.670

85, 20.684, 28.054

Harmonies

Complementary

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



70, 31.165, 207.349



51, 50.237, 32.360

Rectangle

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



70, 31.165, 207.349



70, 31.165, 257.349



70, 31.165, 27.349



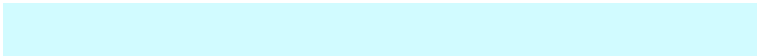
70, 31.165, 77.349

Sweetspot

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



70, 31.165, 207.347



96, 14.070, 206.770



71, 70.515, 141.323



51, 9.684, 206.732



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 31.165, 207.347



87, 42.046, 208.173



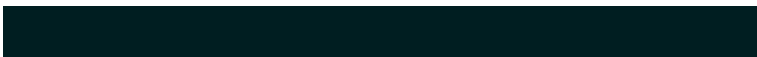
53, 41.120, 276.313



40, 3.638, 206.959



56, 32.025, 210.999



9, 11.332, 207.582

Inverse Universe

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



53, 69.429, 330.180



63, 96.973, 330.803



64, 44.425, 75.726



38, 6.819, 327.322



37, 76.597, 331.879



4, 22.378, 329.353

Previews

White Background



This preview shows how the CIELCh color 70, 31.165, 207.349 looks on a white background.

Color Contrast Check

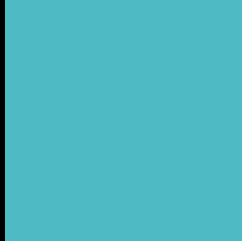
Large Text (above 18pt) WCAG AA × Fail

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, 31.165, 207.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

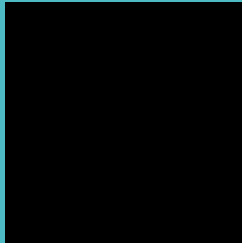
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

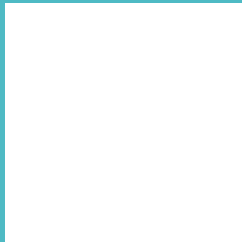
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 31.165, 207.349

Background



This preview shows how black text looks on a background with the CIELCh color 70, 31.165, 207.349.

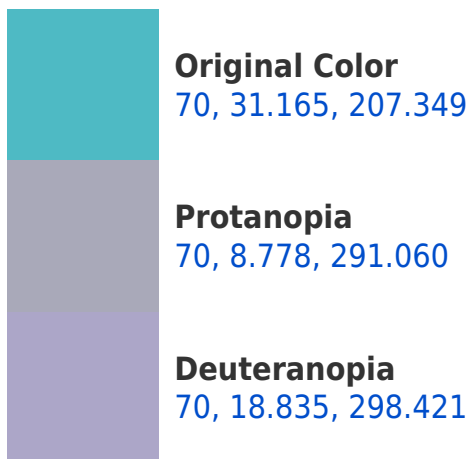


This preview shows how white text looks on a background with the CIELCh color 70, 31.165, 207.349.

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



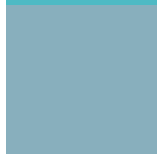


Tritanopia
70, 30.611, 212.985

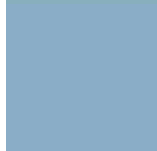
Trichromacy



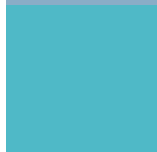
Original Color
70, 31.165, 207.349



Protanomaly
69, 15.077, 229.332



Deuteranomaly
69, 18.042, 251.495

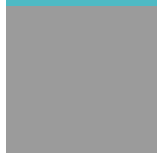


Tritanomaly
70, 30.765, 211.807

Monochromacy



Original Color
70, 31.165, 207.349



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 13.800, 207.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 31.165, 207.349 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(78, 186, 196)` looks like.

```
.text, #text, p{  
    color:rgb(78, 186, 196)  
}
```

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(78, 186, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 186, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 31.165, 207.349 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(78, 186, 196) }
```

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

```
.border{ border-color:rgb(78, 186, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 186, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 186, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 186, 196);  
box-shadow:4px 4px 4px 4px rgb(78, 186,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 31.165, 207.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 186, 196) }
```

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

```
.background{ background-color: rgb(78, 186,  
196) }
```

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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