

Converting Colors

CIELCh(70, 31.727, 215.638)

Have a look what the booklet for
CIELCh(70, 31.727, 215.638)
contains.

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Color

CIELCh(70, 31.771, 215.493)

Conversions

Conversions Part 1

Format	Color
Hex	4ABACC
RGB	74, 186, 204
RGB Percent	29%, 73%, 80%
CMY	0.7079, 0.2723, 0.2017
CMYK	0.63, 0.09, 0.00, 0.20
HSL	188°, 56%, 55%
HSV	188°, 63%, 80%
XYZ	31.1755, 40.7494, 63.0740
YIQ	154.5640, -72.5300, -18.1460

Conversions

Conversions Part 2

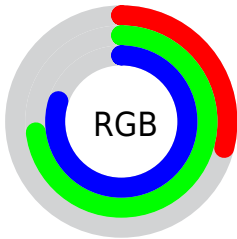
Format	Color
RYB	74, 134, 204
Decimal	4897484
CIELab	70.00, -25.87, -18.45
CIElCh	70, 31.771, 215.493
Yxy	40.7494, 0.2309, 0.3018
Android (android.graphics.Color)	4283087564 (0xFF4ABACC)
YUV	154.5640, 24.3719, -70.6546
Hunter-Lab	63.8353, -24.5368, -13.8983

Details

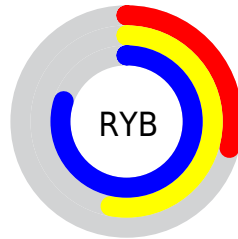
The CIELCh color **70, 31.771, 215.493** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **53, 53.229, 36.471**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 31.627, 209.980**, and **51, 29.804, 216.532** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.197, 216.868**, and if you desaturate by 10%, it is **71, 28.505, 214.464**.

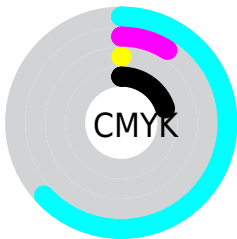
Distribution



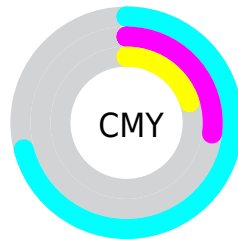
- Red (29%)
- Green (73%)
- Blue (80%)



- Red (29%)
- Yellow (53%)
- Blue (80%)



- Cyan (63%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)





- Cyan (71%)
- Magenta (27%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 31.771, 215.493 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, 31.771, 215.493 by changing the saturation by 10% instead.


 70, 31.771,
215.493

 70, 31.771,
215.493


 100, 31.771,
215.493


 60, 31.771,
215.493


 90, 31.771,
215.493

 50, 31.771,
215.493

 40, 31.771,
215.493

 30, 31.771,
215.493

 20, 31.771,
215.493

 10, 31.771,
215.493

 0, 31.771, 215.493

70, 31.771,
215.493

70, 31.771,
215.493

69, 34.197,
216.868

71, 28.505,
214.464

67, 35.785,
218.654

73, 24.453,
213.727

66, 36.601,
220.899

75, 19.695,
213.230

66, 36.865,
222.578

77, 14.334,
212.929

79, 8.472, 212.797

81, 2.211, 212.945

83, 4.360, 32.616

86, 11.163, 32.819

88, 17.110, 33.706

Harmonies

Complementary

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



70, 31.771, 215.493



53, 53.229, 36.471

Rectangle

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



70, 31.771, 215.493



70, 31.771, 265.493



70, 31.771, 35.493



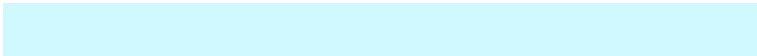
70, 31.771, 85.493

Sweetspot

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



70, 31.770, 215.492



95, 14.162, 212.854



73, 73.469, 142.248



50, 9.655, 212.903



0, 0.000, 0.000



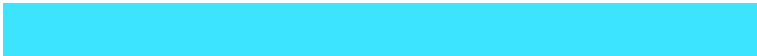
53, 0.007, 296.813

Same Dimension

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



70, 31.770, 215.492



84, 41.312, 217.460



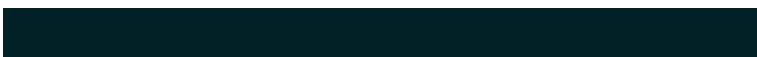
51, 48.207, 281.594



42, 3.630, 212.795



54, 31.663, 222.144



11, 11.953, 216.169

Inverse Universe

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



53, 71.774, 332.376



62, 96.247, 333.217



67, 49.383, 79.687



40, 6.848, 329.029



38, 75.124, 334.628



5, 25.927, 332.625

Previews

White Background



This preview shows how the CIELCh color 70, 31.771, 215.493 looks on a white background.

Color Contrast Check

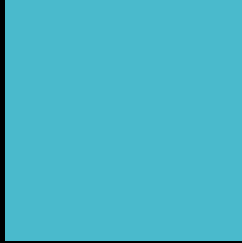
Large Text (above 18pt) WCAG AA × Fail

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 70, 31.771, 215.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

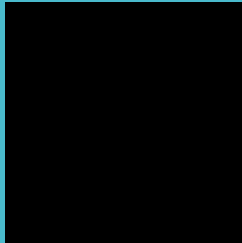
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

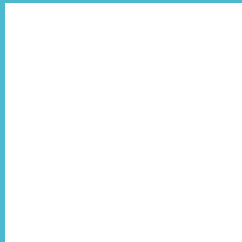
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 31.771, 215.493

Background



This preview shows how black text looks on a background with the CIELCh color 70, 31.771, 215.493.

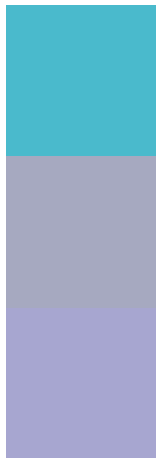


This preview shows how white text looks on a background with the CIELCh color 70, 31.771, 215.493.

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

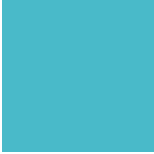
70, 31.931, 215.388

Protanopia

70, 12.640, 286.611

Deuteranopia

69, 23.083, 293.298

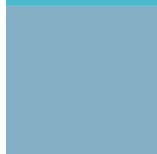


Tritanopia
70, 31.998, 212.185

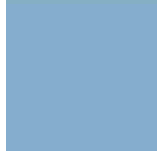
Trichromacy



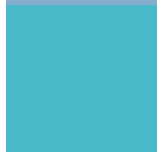
Original Color
70, 31.931, 215.388



Protanomaly
69, 17.706, 239.444



Deuteranomaly
69, 21.764, 255.670

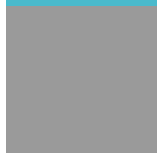


Tritanomaly
70, 31.858, 213.314

Monochromacy



Original Color
70, 31.931, 215.388



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 14.307, 214.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 31.771, 215.493 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(74, 186, 204)` looks like.

```
.text, #text, p{  
    color:rgb(74, 186, 204)  
}
```

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(74, 186, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 186, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 31.771, 215.493 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(74, 186, 204) }
```

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

```
.border{ border-color:rgb(74, 186, 204) }
```

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

Here you see how a box with a 4 pixel rgb(74, 186, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 186, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 186, 204);  
box-shadow:4px 4px 4px 4px rgb(74, 186,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 31.771, 215.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 186, 204) }
```

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

```
.background{ background-color: rgb(74, 186,  
204) }
```

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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