

Converting Colors

CIELCh(70, 30.765, 211.807)

Have a look what the booklet for
CIELCh(70, 30.765, 211.807)
contains.

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Color

CIELCh(70, 30.793, 211.784)

Conversions

Conversions Part 1

Format	Color
Hex	4FBAC8
RGB	79, 186, 200
RGB Percent	31%, 73%, 78%
CMY	0.6884, 0.2724, 0.2175
CMYK	0.60, 0.07, 0.00, 0.22
HSL	187°, 52%, 55%
HSV	187°, 60%, 78%
XYZ	31.0921, 40.7494, 60.5800
YIQ	155.6030, -68.2660, -18.3300

Conversions

Conversions Part 2

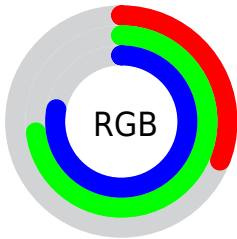
Format	Color
RYB	79, 136, 200
Decimal	5225160
CIELab	70.00, -26.18, -16.22
CIElCh	70, 30.793, 211.784
Yxy	40.7494, 0.2348, 0.3077
Android (android.graphics.Color)	4283415240 (0xFF4FBAC8)
YUV	155.6030, 21.8877, -67.1808
Hunter-Lab	63.8353, -24.7700, -11.5818

Details

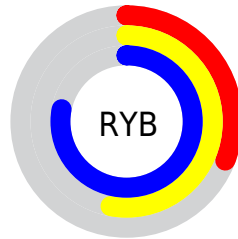
The CIELCh color **70, 30.793, 211.784** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **53, 49.900, 34.443**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 30.730, 210.400**, and **50, 29.593, 213.019** is the 20% darker color. If you saturate the color by 10%, you get **69, 33.470, 212.757**, and if you desaturate by 10%, it is **71, 27.281, 211.086**.

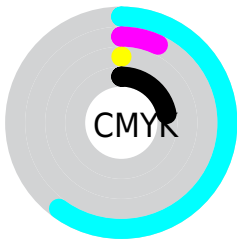
Distribution



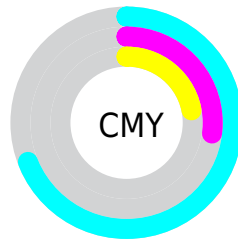
- Red (31%)
- Green (73%)
- Blue (78%)



- Red (31%)
- Yellow (53%)
- Blue (78%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)





- Cyan (69%)
- Magenta (27%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 30.793, 211.784 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, 30.793, 211.784 by changing the saturation by 10% instead.


 70, 30.793,
211.784


 70, 30.793,
211.784


 100, 30.793,
211.784


 60, 30.793,
211.784


 90, 30.793,
211.784

 50, 30.793,
211.784

 40, 30.793,
211.784

 30, 30.793,
211.784

 20, 30.793,
211.784

 10, 30.793,
211.784

 0, 30.793, 211.784

70, 30.793,
211.784

70, 30.793,
211.784

69, 33.470,
212.757

71, 27.281,
211.086

68, 35.292,
214.057

73, 23.000,
210.623

67, 36.298,
215.727

75, 18.039,
210.352

66, 36.683,
217.701

76, 12.503,
210.242

78, 6.495, 210.282

80, 0.116, 215.089

83, 6.549, 30.377

85, 13.421, 30.647

87, 18.884, 31.668

Harmonies

Complementary

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



70, 30.793, 211.784



53, 49.900, 34.443

Rectangle

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



70, 30.793, 211.784



70, 30.793, 261.784



70, 30.793, 31.784



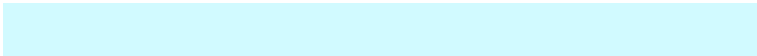
70, 30.793, 81.784

Sweetspot

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



70, 30.792, 211.782



96, 13.696, 210.237



72, 70.736, 141.765



50, 9.427, 210.246



0, 0.000, 0.000



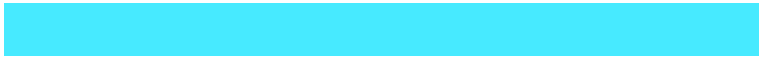
53, 0.007, 296.813

Same Dimension

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



70, 30.792, 211.782



86, 40.994, 213.094



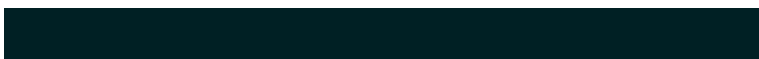
53, 42.745, 277.803



41, 3.618, 210.293



55, 31.631, 217.351



10, 11.649, 212.233

Inverse Universe

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



53, 68.918, 331.319



63, 94.889, 332.036



66, 45.376, 77.233



39, 6.814, 328.299



38, 75.597, 333.437



4, 24.173, 331.242

Previews

White Background



This preview shows how the CIELCh color 70, 30.793, 211.784 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, 30.793, 211.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

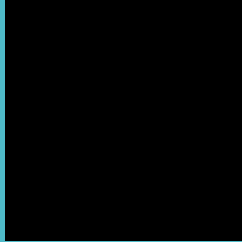
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

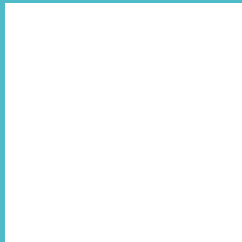
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 30.793, 211.784

Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.793, 211.784.



This preview shows how white text looks on a background with the CIELCh color 70, 30.793, 211.784.

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, 30.970, 211.687

Protanopia
70, 10.981, 287.541

Deuteranopia
70, 20.948, 296.016



Tritanopia
70, 30.611, 212.985

Trichromacy



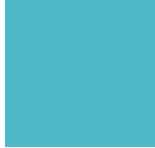
Original Color
70, 30.970, 211.687



Protanomaly
69, 16.354, 235.947



Deuteranomaly
69, 19.436, 254.267



Tritanomaly
70, 30.611, 212.985

Monochromacy



Original Color
70, 30.970, 211.687



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 13.528, 210.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 30.793, 211.784 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(79, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(79, 186, 200)  
}
```

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(79, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 186, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 30.793, 211.784 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(79, 186, 200) }
```

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

```
.border{ border-color:rgb(79, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(79, 186,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 30.793, 211.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 186, 200) }
```

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

```
.background{ background-color: rgb(79, 186,  
200) }
```

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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