

Converting Colors

CIELCh(71, 29.990, 211.551)

Have a look what the booklet for
CIELCh(71, 29.990, 211.551)
contains.

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Color

CIELCh(71, 29.899, 211.163)

Conversions

Conversions Part 1

Format	Color
Hex	57BCC9
RGB	87, 188, 201
RGB Percent	34%, 74%, 79%
CMY	0.6590, 0.2629, 0.2119
CMYK	0.57, 0.06, 0.00, 0.21
HSL	187°, 51%, 56%
HSV	187°, 57%, 79%
XYZ	32.4381, 42.1875, 61.6657
YIQ	159.2830, -64.3690, -17.3690

Conversions

Conversions Part 2

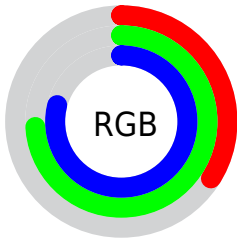
Format	Color
R _Y B	87, 141, 201
Decimal	5749961
CIE Lab	71.00, -25.58, -15.47
CIE LCh	71, 29.899, 211.163
Yxy	42.1875, 0.2380, 0.3095
Android (android.graphics.Color)	4283940041 (0xFF57BCC9)
YUV	159.2830, 20.5665, -63.3922
Hunter-Lab	64.9519, -24.5200, -10.8239

Details

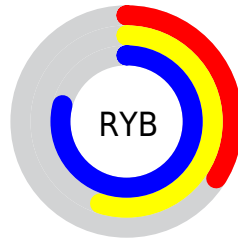
The CIELCh color **71, 29.899, 211.163** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **54, 46.868, 33.755**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 29.773, 208.775**, and **51, 29.832, 211.641** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.887, 212.007**, and if you desaturate by 10%, it is **72, 26.087, 210.573**.

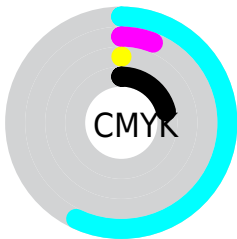
Distribution



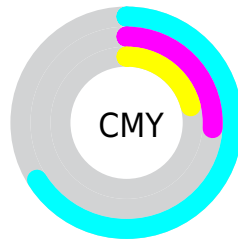
- Red (34%)
- Green (74%)
- Blue (79%)



- Red (34%)
- Yellow (55%)
- Blue (79%)



- Cyan (57%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)





- Cyan (66%)
- Magenta (26%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 29.899, 211.163 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, 29.899, 211.163 by changing the saturation by 10% instead.


 71, 29.899,
211.163


 71, 29.899,
211.163


 100, 29.899,
211.163


 61, 29.899,
211.163


 91, 29.899,
211.163

 51, 29.899,
211.163

 41, 29.899,
211.163

 31, 29.899,
211.163

 21, 29.899,
211.163

 11, 29.899,
211.163

 1, 29.899, 211.163

0, 29.899, 211.163

71, 29.899,
211.163

71, 29.899,
211.163

70, 32.887,
212.007

72, 26.087,
210.573

69, 35.014,
213.156

74, 21.527,
210.198

68, 36.296,
214.654

76, 16.317,
210.002

67, 36.830,
216.529

78, 10.562,
209.956

67, 36.934,
217.184

80, 4.367, 210.077

82, 2.171, 29.827

84, 8.969, 30.223

■ 86, 15.953, 30.502

■ 87, 18.129, 33.187

Harmonies

Complementary

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



71, 29.899, 211.163



54, 46.868, 33.755

Rectangle

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



71, 29.899, 211.163



71, 29.899, 261.163



71, 29.899, 31.163



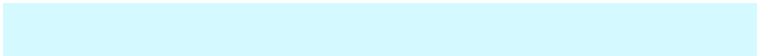
71, 29.899, 81.163

Sweetspot

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



71, 29.899, 211.161



96, 13.003, 209.955



73, 67.605, 142.203



51, 8.642, 209.954



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 29.899, 211.161



86, 40.005, 212.235



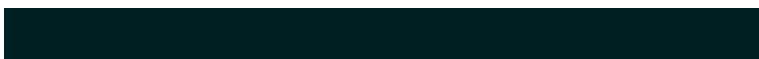
55, 40.476, 276.753



41, 3.625, 210.020



55, 31.679, 216.832



10, 11.670, 211.843

Inverse Universe

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



55, 66.211, 331.032



64, 91.711, 331.714



67, 42.926, 77.744



39, 6.826, 328.220



38, 75.745, 333.309



4, 24.227, 331.138

Previews

White Background



This preview shows how the CIELCh color 71, 29.899, 211.163 looks on a white background.

Color Contrast Check

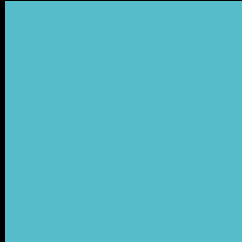
Large Text (above 18pt) WCAG AA × Fail

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, 29.899, 211.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

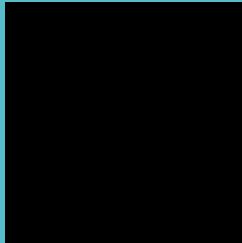
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 29.899, 211.163

Background



This preview shows how black text looks on a background with the CIELCh color 71, 29.899, 211.163.

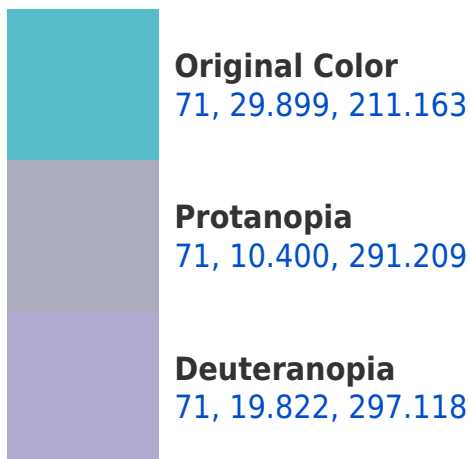


This preview shows how white text looks on a background with the CIELCh color 71, 29.899, 211.163.

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, 29.761, 213.473

Trichromacy



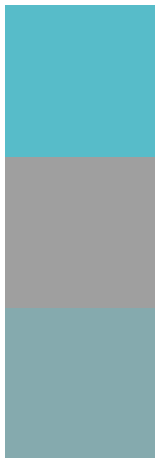
Original Color
71, 29.899, 211.163

Protanomaly
70, 15.316, 236.255

Deuteranomaly
70, 18.634, 254.581

Tritanomaly
71, 29.728, 212.371

Monochromacy



Original Color
71, 29.899, 211.163

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 13.128, 208.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 29.899, 211.163 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(87, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(87, 188, 201)  
}
```

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(87, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 188, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 29.899, 211.163 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(87, 188, 201) }
```

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

```
.border{ border-color:rgb(87, 188, 201) }
```

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

Here you see how a box with a 4 pixel rgb(87, 188, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(87, 188,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 29.899, 211.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 188, 201) }
```

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

```
.background{ background-color: rgb(87, 188,  
201) }
```

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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