

Converting Colors

CIELCh(71, 19.379, 122.547)

Have a look what the booklet for
CIELCh(71, 19.379, 122.547)
contains.

CIELCh(71, 19.029, 122.774)	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(71, 19.029, 122.774)

Conversions

Conversions Part 1

Format	Color
Hex	A6B290
RGB	166, 178, 144
RGB Percent	65%, 70%, 56%
CMY	0.3474, 0.3003, 0.4337
CMYK	0.07, 0.00, 0.19, 0.30
HSL	81°, 18%, 63%
HSV	81°, 19%, 70%
XYZ	36.8835, 42.1875, 32.7481
YIQ	170.5360, 3.7620, -13.1180

Conversions

Conversions Part 2

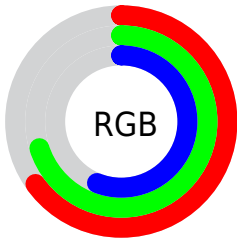
Format	Color
RYB	144, 178, 156
Decimal	10924688
CIELab	71.00, -10.30, 16.00
CIELCh	71, 19.029, 122.774
Yxy	42.1875, 0.3298, 0.3773
Android (android.graphics.Color)	4289114768 (0xFFA6B290)
YUV	170.5360, -13.0822, -3.9781
Hunter-Lab	64.9519, -12.3030, 15.5729

Details

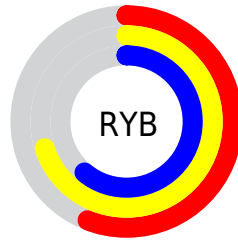
The CIELCh color **71, 19.029, 122.774** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 19.684, 304.860**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.182, 123.271**, and **51, 19.042, 122.105** is the 20% darker color. If you saturate the color by 10%, you get **70, 28.916, 122.235**, and if you desaturate by 10%, it is **72, 9.054, 123.316**.

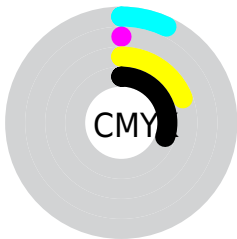
Distribution



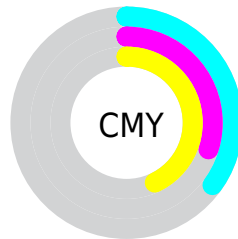
- Red (65%)
- Green (70%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (61%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (30%)





- Cyan (35%)
- Magenta (30%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.029, 122.774 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, 19.029, 122.774 by changing the saturation by 10% instead.


 71, 19.029,
122.774

 71, 19.029,
122.774


 100, 19.029,
122.774


 61, 19.029,
122.774


 91, 19.029,
122.774

 51, 19.029,
122.774

 41, 19.029,
122.774

 31, 19.029,
122.774

 21, 19.029,
122.774

 11, 19.029,
122.774

 1, 19.029, 122.774

0, 19.029, 122.774

71, 19.029,
122.774

71, 19.029,
122.774

70, 28.916,
122.235

72, 9.054, 123.316

69, 38.608,
121.709

73, 0.942, 303.758

69, 47.952,
121.235

74, 10.908,
304.305

68, 56.726,
120.867

75, 20.808,
304.763

68, 64.609,
120.683

76, 30.615,
305.186

67, 71.192,
120.789

77, 40.310,
305.574

78, 42.554,

■ 67, 76.055,
121.299

307.853

■ 66, 79.204,
122.214

■ 78, 43.056,
310.586

■ 66, 79.478,
122.299

■ 79, 43.647,
313.285

Harmonies

Complementary

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



71, 19.029, 122.774



62, 19.684, 304.860

Rectangle

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



71, 19.029, 122.774



71, 19.029, 172.774



71, 19.029, 302.774



71, 19.029, 352.774

Sweetspot

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



71, 19.031, 122.777



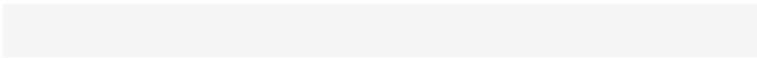
91, 7.416, 123.474



66, 11.092, 56.152



49, 4.959, 123.440



96, 0.011, 296.813



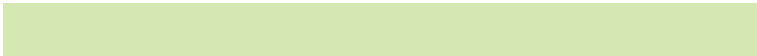
49, 0.007, 296.813

Same Dimension

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



71, 19.031, 122.777



89, 28.395, 122.542



70, 21.709, 139.311



37, 5.658, 123.302



57, 70.864, 122.111



8, 14.024, 127.736

Inverse Universe

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



62, 19.684, 304.860



76, 29.610, 305.142



64, 21.854, 321.147



35, 5.756, 304.270



20, 87.685, 309.229



1, 13.582, 300.765

Previews

White Background



This preview shows how the CIELCh color 71, 19.029, 122.774 looks on a white background.

Color Contrast Check

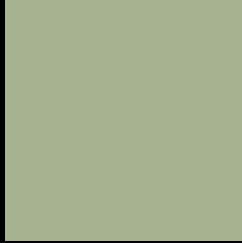
Large Text (above 18pt) WCAG AA × Fail

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, 19.029, 122.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

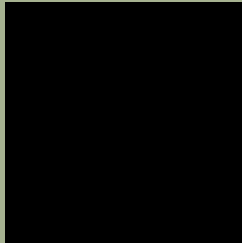
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.029, 122.774

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.029, 122.774.

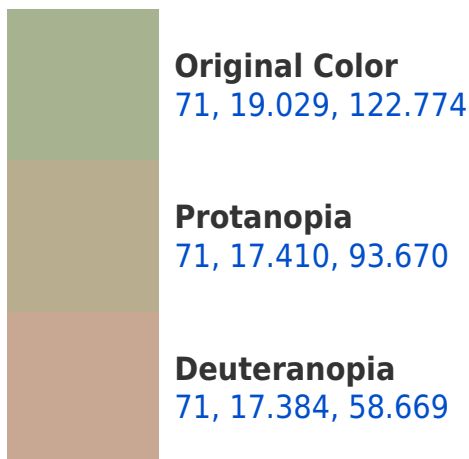


This preview shows how white text looks on a background with the CIELCh color 71, 19.029, 122.774.

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, 7.107, 287.955

Trichromacy



Original Color
71, 19.029, 122.774

Protanomaly
71, 17.378, 104.463

Deuteranomaly
71, 15.253, 82.105

Tritanomaly
71, 2.890, 150.450

Monochromacy



Original Color
71, 19.029, 122.774

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.351, 124.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.029, 122.774 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(166, 178, 144)` looks like.

```
.text, #text, p{  
    color:rgb(166, 178, 144)  
}
```

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(166, 178, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 178, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.029, 122.774 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(166, 178, 144) }
```

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

```
.border{ border-color:rgb(166, 178, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 178, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 178, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 178, 144);  
box-shadow:4px 4px 4px 4px rgb(166, 178,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.029, 122.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 178, 144) }
```

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

```
.background{ background-color: rgb(166,  
178, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor