

Converting Colors

CIELCh(72, 18.068, 121.430)

Have a look what the booklet for
CIELCh(72, 18.068, 121.430)
contains.

CIELCh(72, 18.349, 122.064)	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(72, 18.349, 122.064)

Conversions

Conversions Part 1

Format	Color
Hex	AAB594
RGB	170, 181, 148
RGB Percent	67%, 71%, 58%
CMY	0.3338, 0.2907, 0.4201
CMYK	0.06, 0.00, 0.18, 0.29
HSL	80°, 18%, 64%
HSV	80°, 18%, 71%
XYZ	38.3810, 43.6590, 34.3680
YIQ	173.9490, 4.0370, -12.5950

Conversions

Conversions Part 2

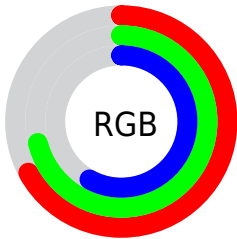
Format	Color
RYB	148, 181, 159
Decimal	11187604
CIELab	72.00, -9.74, 15.55
CIELCh	72, 18.349, 122.064
Yxy	43.6590, 0.3297, 0.3751
Android (android.graphics.Color)	4289377684 (0xFFAAB594)
YUV	173.9490, -12.7929, -3.4633
Hunter-Lab	66.0750, -11.9457, 15.4136

Details

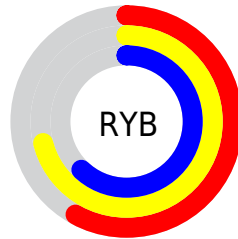
The CIELCh color **72, 18.349, 122.064** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 18.970, 304.120**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 18.543, 122.608**, and **52, 18.305, 121.348** is the 20% darker color. If you saturate the color by 10%, you get **71, 28.316, 121.510**, and if you desaturate by 10%, it is **73, 8.297, 122.620**.

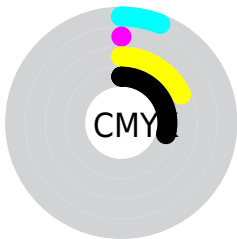
Distribution



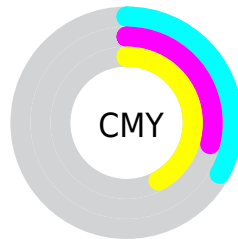
- Red (67%)
- Green (71%)
- Blue (58%)



- Red (58%)
- Yellow (71%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)





- Cyan (33%)
- Magenta (29%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 18.349, 122.064 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 72, 18.349, 122.064 by changing the saturation by 10% instead.


 72, 18.349,
122.064


 72, 18.349,
122.064


 100, 18.349,
122.064


 62, 18.349,
122.064


 92, 18.349,
122.064

 52, 18.349,
122.064

 42, 18.349,
122.064

 32, 18.349,
122.064

 22, 18.349,
122.064

 12, 18.349,
122.064

 2, 18.349, 122.064

0, 18.349, 122.064

72, 18.349,
122.064

72, 18.349,
122.064

71, 28.316,
121.510

73, 8.297, 122.620

70, 38.091,
120.968

74, 1.777, 303.111

70, 47.526,
120.476

75, 11.821,
303.639

69, 56.402,
120.085

76, 21.801,
304.110

69, 64.402,
119.871

77, 31.690,
304.547

68, 71.114,
119.936

78, 40.746,
305.130

79, 41.152,

■ 68, 76.109,
120.392

307.864

■ 67, 79.291,
121.272

■ 79, 41.643,
310.575

■ 67, 79.793,
121.431

■ 80, 42.220,
313.250

Harmonies

Complementary

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



72, 18.349, 122.064



63, 18.970, 304.120

Rectangle

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



72, 18.349, 122.064



72, 18.349, 172.064



72, 18.349, 302.064



72, 18.349, 352.064

Sweetspot

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



72, 18.351, 122.067



92, 6.212, 122.794



67, 10.708, 54.265



49, 4.236, 122.756



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 18.351, 122.067



91, 27.311, 121.837



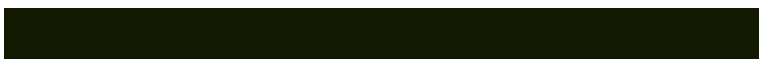
71, 20.890, 138.890



37, 5.639, 122.561



58, 70.429, 121.233



8, 13.964, 126.975

Inverse Universe

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



63, 18.970, 304.120



77, 28.458, 304.397



65, 21.041, 320.612



35, 5.739, 303.562



20, 88.006, 308.930



1, 13.555, 300.192

Previews

White Background



This preview shows how the CIELCh color 72, 18.349, 122.064 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 72, 18.349, 122.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

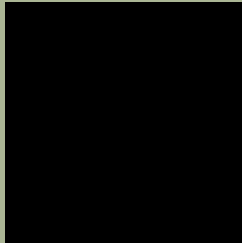
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 18.349, 122.064

Background



This preview shows how black text looks on a background with the CIELCh color 72, 18.349, 122.064.

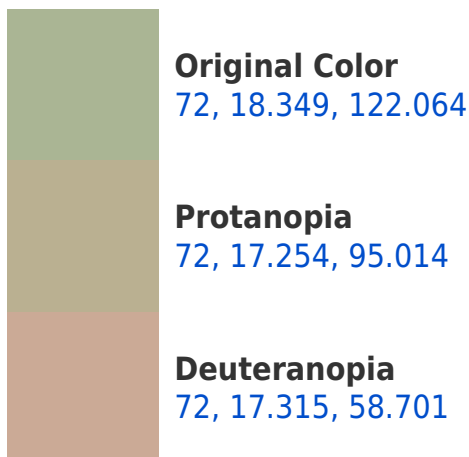


This preview shows how white text looks on a background with the CIELCh color 72, 18.349, 122.064.

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
72, 7.647, 293.647

Trichromacy



Original Color
72, 18.349, 122.064

Protanomaly
72, 17.303, 105.817

Deuteranomaly
72, 15.201, 82.148

Tritanomaly
72, 1.986, 144.468

Monochromacy



Original Color
72, 18.349, 122.064

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.709, 122.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 18.349, 122.064 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(170, 181, 148)` looks like.

```
.text, #text, p{  
    color:rgb(170, 181, 148)  
}
```

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(170, 181, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 181, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 18.349, 122.064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

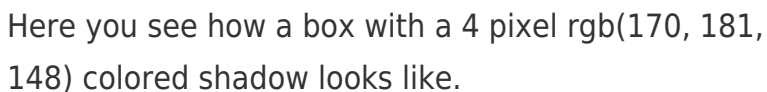
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 181, 148) }
```

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

```
.border{ border-color:rgb(170, 181, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 181, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 181, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 181, 148);  
box-shadow:4px 4px 4px 4px rgb(170, 181,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 18.349, 122.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 181, 148) }
```

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

```
.background{ background-color: rgb(170,  
181, 148) }
```

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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