

Converting Colors

CIELCh(72, 38.885, 109.541)

Have a look what the booklet for
CIELCh(72, 38.885, 109.541)
contains.

CIELCh(72, 39.279, 109.998)	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, 39.279, 109.998)

Conversions

Conversions Part 1

Format	Color
Hex	B0B66C
RGB	176, 182, 108
RGB Percent	69%, 71%, 42%
CMY	0.3106, 0.2870, 0.5772
CMYK	0.03, 0.00, 0.41, 0.29
HSL	65°, 34%, 57%
HSV	65°, 41%, 71%
XYZ	37.2422, 43.6590, 20.5991
YIQ	171.7700, 20.1780, -24.2860

Conversions

Conversions Part 2

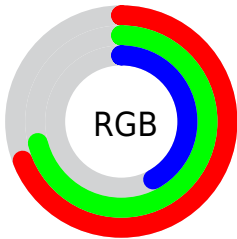
Format	Color
RYB	108, 182, 114
Decimal	11581036
CIELab	72.00, -13.43, 36.91
CIELCh	72, 39.279, 109.998
Yxy	43.6590, 0.3669, 0.4301
Android (android.graphics.Color)	4289771116 (0xFFB0B66C)
YUV	171.7700, -31.4386, 3.7097
Hunter-Lab	66.0750, -15.0223, 27.7686

Details

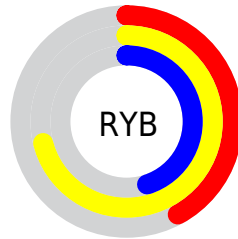
The CIELCh color $72, 39.279, 109.998$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $49, 43.535, 297.983$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 39.131, 109.913$, and $52, 39.410, 109.861$ is the 20% darker color. If you saturate the color by 10%, you get $72, 48.238, 109.243$, and if you desaturate by 10%, it is $72, 29.904, 110.812$.

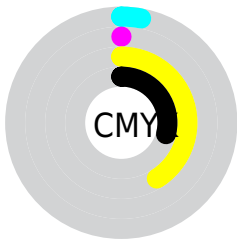
Distribution



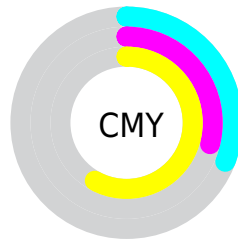
- Red (69%)
- Green (71%)
- Blue (42%)



- Red (42%)
- Yellow (71%)
- Blue (45%)



- Cyan (3%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)




- Cyan (31%)
- Magenta (29%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.279, 109.998 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, 39.279, 109.998 by changing the saturation by 10% instead.


 72, 39.279,
109.998


 72, 39.279,
109.998


 100, 39.279,
109.998


 62, 39.279,
109.998

 92, 39.279,
109.998

 52, 39.279,
109.998

 42, 39.279,
109.998

 32, 39.279,
109.998

 22, 39.279,
109.998

 12, 39.279,
109.998

 2, 39.279, 109.998

0, 39.279, 109.998

72, 39.279,
109.998

72, 39.279,
109.998

72, 48.238,
109.243

72, 29.904,
110.812

71, 56.523,
108.576

73, 20.278,
111.647

71, 63.778,
108.053

73, 10.512,
112.484

71, 69.556,
107.734

74, 0.678, 113.269

71, 73.439,
107.674

75, 9.174, 294.122

71, 75.531,
107.828

75, 19.013,
294.895

76, 28.812,

295.635

■ 77, 38.556,
296.337

■ 77, 39.510,
297.010

Harmonies

Complementary

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



72, 39.279, 109.998



49, 43.535, 297.983

Rectangle

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



72, 39.279, 109.998



72, 39.279, 159.998



72, 39.279, 289.998



72, 39.279, 339.998

Sweetspot

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



72, 39.280, 110.001



93, 14.630, 112.359



55, 30.299, 28.111



50, 9.780, 112.250



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 39.280, 110.001



91, 57.948, 109.305



69, 43.007, 129.496



39, 5.613, 112.597



61, 67.308, 107.770



9, 15.266, 114.098

Inverse Universe

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



49, 43.535, 297.983



57, 66.227, 299.424



52, 45.144, 313.220



36, 5.735, 294.196



18, 92.055, 306.587



1, 15.407, 292.648

Previews

White Background



This preview shows how the CIELCh color 72, 39.279, 109.998 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, 39.279, 109.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

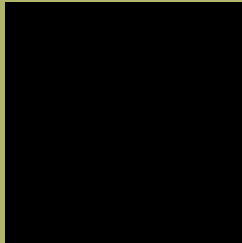
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 39.279, 109.998

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.279, 109.998.

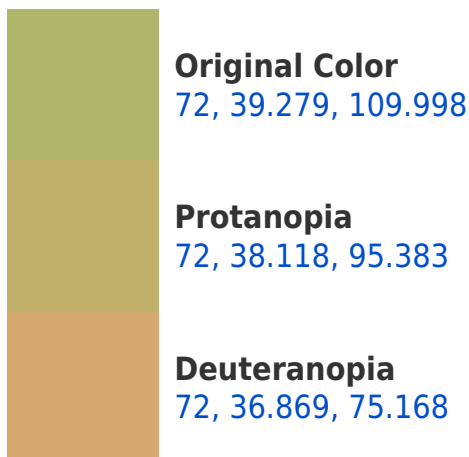


This preview shows how white text looks on a background with the CIELCh color 72, 39.279, 109.998.

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, 8.400, 322.676

Trichromacy



Original Color
72, 39.279, 109.998

Protanomaly
72, 38.007, 100.603

Deuteranomaly
72, 35.772, 88.559

Tritanomaly
72, 10.027, 95.670

Monochromacy



Original Color
72, 39.279, 109.998

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 14.692, 113.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.279, 109.998 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(176, 182, 108)` looks like.

```
.text, #text, p{  
    color:rgb(176, 182, 108)  
}
```

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(176, 182, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 182, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.279, 109.998 is called "border". The border property can be set on classes, ids or directly on the HTML element.

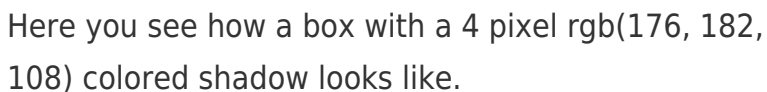
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 182, 108) }
```

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

```
.border{ border-color:rgb(176, 182, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 182, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 182, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 182, 108); box-shadow:4px 4px 4px 4px rgb(176, 182, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.279, 109.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 182, 108) }
```

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

```
.background{ background-color: rgb(176,  
182, 108) }
```

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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