

Converting Colors

CIELCh(72, 81.168, 117.439)

Have a look what the booklet for
CIELCh(72, 81.168, 117.439)
contains.

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Color

CIELCh(72, 81.185, 117.461)

Conversions

Conversions Part 1

Format	Color
Hex	90C002
RGB	144, 192, 2
RGB Percent	56%, 75%, 1%
CMY	0.4351, 0.2469, 0.9916
CMYK	0.25, 0.00, 0.99, 0.25
HSL	75°, 98%, 38%
HSV	75°, 99%, 75%
XYZ	30.3823, 43.6590, 6.8870
YIQ	155.9880, 32.3820, -69.2660

Conversions

Conversions Part 2

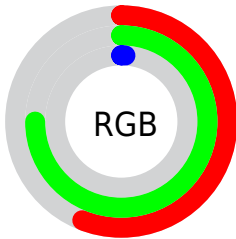
Format	Color
R_{YB}	2, 192, 50
Decimal	9486338
CIE Lab	72.00, -37.44, 72.04
CIE LCh	72, 81.185, 117.461
Yxy	43.6590, 0.3754, 0.5395
Android (android.graphics.Color)	4287676418 (0xFF90C002)
YUV	155.9880, -75.9161, -10.5135
Hunter-Lab	66.0750, -33.5542, 40.0727

Details

The CIELCh color **72, 81.185, 117.461** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **25, 105.160, 307.725**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 81.421, 117.544**, and **52, 66.004, 122.690** is the 20% darker color. If you saturate the color by 10%, you get **72, 81.471, 117.552**, and if you desaturate by 10%, it is **72, 78.316, 116.700**.

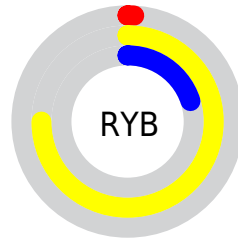
Distribution



Red (56%)

Green (75%)

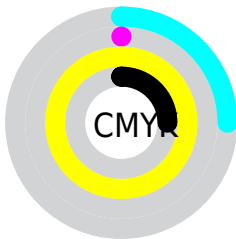
Blue (1%)



Red (1%)

Yellow (75%)

Blue (20%)

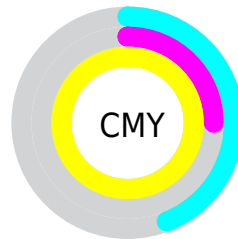


Cyan (25%)

Magenta (0%)

Yellow (99%)

Black (25%)



Cyan (44%)


Magenta (25%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 81.185, 117.461 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, 81.185, 117.461 by changing the saturation by 10% instead.


 72, 81.185,
117.461


 72, 81.185,
117.461


 100, 81.185,
117.461


 62, 81.185,
117.461


 92, 81.185,
117.461

 52, 81.185,
117.461

 42, 81.185,
117.461

 32, 81.185,
117.461

 22, 81.185,
117.461

 12, 81.185,
117.461

 2, 81.185, 117.461

■ 0, 81.185, 117.461

■ 72, 81.185,
117.461

■ 72, 81.185,
117.461

■ 72, 81.471,
117.552

■ 72, 78.316,
116.700

■ 73, 73.533,
116.329

■ 73, 66.876,
116.331

■ 74, 58.794,
116.604

■ 74, 49.736,
117.054

■ 75, 40.049,
117.610

■ 75, 29.977,
118.219

■ 76, 19.681,
118.848

■ 77, 9.270, 119.476

Harmonies

Complementary

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



72, 81.185, 117.461



25, 105.160, 307.725

Rectangle

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



72, 81.185, 117.461



72, 81.185, 167.461



72, 81.185, 297.461



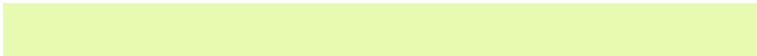
72, 81.185, 347.461

Sweetspot

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



72, 81.185, 117.463



95, 38.527, 118.119



43, 77.667, 45.144



50, 26.200, 117.858



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 81.185, 117.463



91, 99.416, 117.761



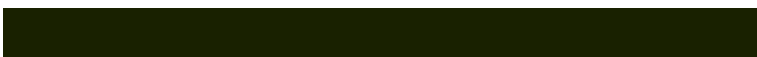
68, 93.874, 133.970



41, 5.963, 119.446



61, 71.312, 117.380



11, 19.404, 121.407

Inverse Universe

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



25, 105.160, 307.725



34, 129.125, 307.619



38, 95.585, 319.025



38, 6.080, 300.614



20, 92.512, 307.851



1, 19.672, 297.932

Previews

White Background



This preview shows how the CIELCh color 72, 81.185, 117.461 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, 81.185, 117.461 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, 81.185, 117.461

Background



This preview shows how black text looks on a background with the CIELCh color 72, 81.185, 117.461.



This preview shows how white text looks on a background with the CIELCh color 72, 81.185, 117.461.

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, 9.996, 254.210

Trichromacy



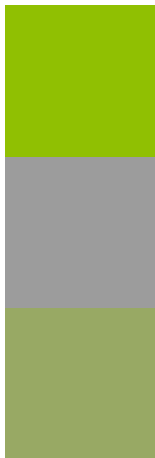
Original Color
72, 81.185, 117.461

Protanomaly
72, 75.150, 104.224

Deuteranomaly
71, 70.689, 96.543

Tritanomaly
71, 33.594, 126.664

Monochromacy



Original Color
72, 81.185, 117.461

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 37.799, 117.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 81.185, 117.461 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(144, 192, 2)` looks like.

```
.text, #text, p{  
    color:rgb(144, 192, 2)  
}
```

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(144, 192, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 192, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 81.185, 117.461 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(144, 192, 2) }
```

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

```
.border{ border-color:rgb(144, 192, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 192, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 192, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 192, 2);  
box-shadow:4px 4px 4px 4px rgb(144, 192,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 81.185, 117.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 192, 2) }
```

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

```
.background{ background-color: rgb(144,  
192, 2) }
```

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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