

Converting Colors

CIELCh(72, 79.408, 117.617)

Have a look what the booklet for
CIELCh(72, 79.408, 117.617)
contains.

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Color

CIELCh(72, 79.408, 117.617)

Conversions

Conversions Part 1

Format	Color
Hex	91C011
RGB	145, 192, 17
RGB Percent	57%, 75%, 7%
CMY	0.4321, 0.2478, 0.9348
CMYK	0.25, 0.00, 0.91, 0.25
HSL	76°, 84%, 41%
HSV	76°, 91%, 75%
XYZ	30.5499, 43.6590, 7.3309
YIQ	157.9970, 28.1630, -64.3890

Conversions

Conversions Part 2

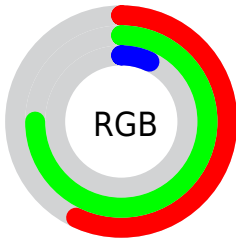
Format	Color
RYB	17, 192, 64
Decimal	9551889
CIELab	72.00, -36.81, 70.36
CIELCh	72, 79.408, 117.617
Yxy	43.6590, 0.3747, 0.5354
Android (android.graphics.Color)	4287741969 (0xFF91C011)
YUV	157.9970, -69.5115, -11.3984
Hunter-Lab	66.0750, -33.1013, 39.6744

Details

The CIELCh color **72, 79.408, 117.617** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **27, 100.757, 307.899**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 79.550, 117.684**, and **52, 65.852, 122.378** is the 20% darker color. If you saturate the color by 10%, you get **72, 81.756, 118.347**, and if you desaturate by 10%, it is **72, 75.088, 117.111**.

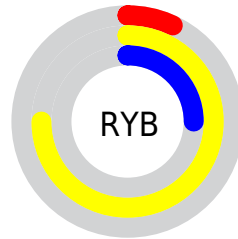
Distribution



Red (57%)

Green (75%)

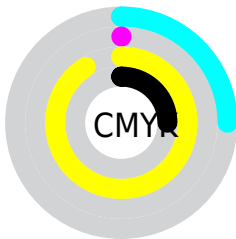
Blue (7%)



Red (7%)

Yellow (75%)

Blue (25%)

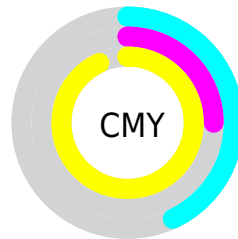


Cyan (25%)

Magenta (0%)

Yellow (91%)

Black (25%)



Cyan (43%)


Magenta (25%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 79.408, 117.617 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, 79.408, 117.617 by changing the saturation by 10% instead.


 72, 79.408,
117.617

 72, 79.408,
117.617


 100, 79.408,
117.617


 62, 79.408,
117.617


 92, 79.408,
117.617

 52, 79.408,
117.617

 42, 79.408,
117.617

 32, 79.408,
117.617

 22, 79.408,
117.617

 12, 79.408,
117.617

 2, 79.408, 117.617

■ 0, 79.408, 117.617

■ 72, 79.408,
117.617

■ 72, 79.408,
117.617

■ 72, 81.756,
118.347

■ 72, 75.088,
117.111

■ 73, 68.814,
117.006

■ 73, 61.006,
117.203

■ 74, 52.124,
117.601

■ 74, 42.542,
118.121

■ 75, 32.527,
118.706

■ 76, 22.256,
119.318

■ 77, 11.851,
119.932

■ 78, 1.392, 120.553

Harmonies

Complementary

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



72, 79.408, 117.617



27, 100.757, 307.899

Rectangle

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



72, 79.408, 117.617



72, 79.408, 167.617



72, 79.408, 297.617



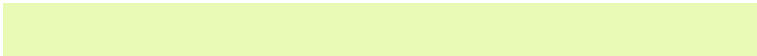
72, 79.408, 347.617

Sweetspot

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



72, 79.408, 117.619



96, 34.818, 118.943



45, 71.838, 46.290



51, 23.410, 118.734



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, 79.408, 117.619



91, 99.866, 118.565



68, 91.489, 133.885



41, 5.975, 120.052



61, 71.620, 118.169



11, 19.493, 122.220

Inverse Universe

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



27, 100.757, 307.899



34, 128.824, 307.785



39, 93.020, 319.955



38, 6.091, 301.187



20, 92.288, 308.028



2, 19.693, 298.345

Previews

White Background



This preview shows how the CIELCh color 72, 79.408, 117.617 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, 79.408, 117.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

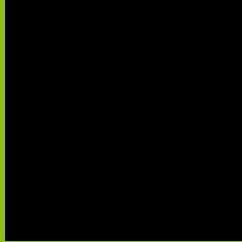
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 79.408, 117.617

Background



This preview shows how black text looks on a background with the CIELCh color 72, 79.408, 117.617.



This preview shows how white text looks on a background with the CIELCh color 72, 79.408, 117.617.

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](#).

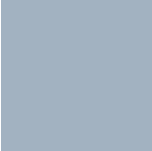
Dichromacy



Original Color
72, 79.408, 117.617

Protanopia
72, 73.299, 95.108

Deuteranopia
72, 68.496, 82.514



Tritanopia
72, 9.804, 255.856

Trichromacy



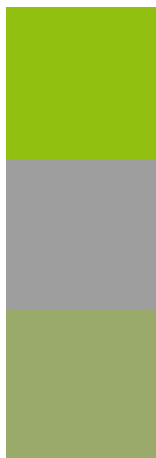
Original Color
72, 79.408, 117.617

Protanomaly
72, 74.133, 103.989

Deuteranomaly
71, 69.093, 96.925

Tritanomaly
71, 30.978, 127.712

Monochromacy



Original Color
72, 79.408, 117.617

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 34.729, 118.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 79.408, 117.617 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(145, 192, 17)` looks like.

```
.text, #text, p{  
    color:rgb(145, 192, 17)  
}
```

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(145, 192, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 192, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 79.408, 117.617 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(145, 192, 17) }
```

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

```
.border{ border-color:rgb(145, 192, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 192, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 192, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 192, 17);  
box-shadow:4px 4px 4px 4px rgb(145, 192,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 79.408, 117.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 192, 17) }
```

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

```
.background{ background-color: rgb(145,  
192, 17) }
```

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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