

Converting Colors

CIELCh(73, 81.835, 118.248)

Have a look what the booklet for
CIELCh(73, 81.835, 118.248)
contains.

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Color

CIELCh(73, 81.712, 118.252)

Conversions

Conversions Part 1

Format	Color
Hex	90C30A
RGB	144, 195, 10
RGB Percent	56%, 76%, 4%
CMY	0.4339, 0.2340, 0.9607
CMYK	0.26, 0.00, 0.95, 0.23
HSL	77°, 90%, 40%
HSV	77°, 95%, 77%
XYZ	31.2081, 45.1644, 7.3598
YIQ	158.6610, 28.9890, -68.3470

Conversions

Conversions Part 2

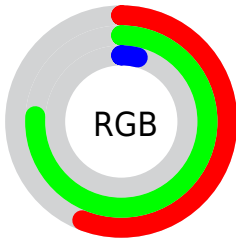
Format	Color
RYB	10, 195, 61
Decimal	9487114
CIELab	73.00, -38.68, 71.98
CIELCh	73, 81.712, 118.252
Yxy	45.1644, 0.3727, 0.5394
Android (android.graphics.Color)	4287677194 (0xFF90C30A)
YUV	158.6610, -73.2899, -12.8577
Hunter-Lab	67.2044, -34.7167, 40.5500

Details

The CIELCh color **73, 81.712, 118.252** 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 **27, 104.107, 307.991**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 81.751, 118.339**, and **53, 67.348, 123.290** is the 20% darker color. If you saturate the color by 10%, you get **73, 83.047, 118.708**, and if you desaturate by 10%, it is **73, 78.081, 117.567**.

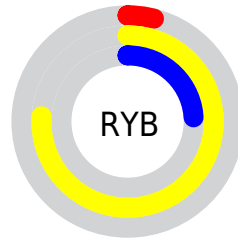
Distribution



Red (56%)

Green (76%)

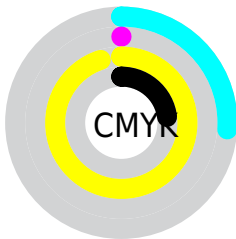
Blue (4%)



Red (4%)

Yellow (76%)

Blue (24%)

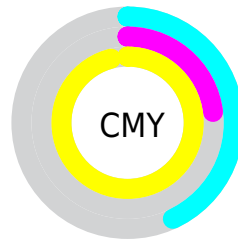


Cyan (26%)

Magenta (0%)

Yellow (95%)

Black (23%)



Cyan (43%)


Magenta (23%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 81.712, 118.252 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 73, 81.712, 118.252 by changing the saturation by 10% instead.


 73, 81.712,
118.252


 73, 81.712,
118.252


 100, 81.712,
118.252


 63, 81.712,
118.252


 93, 81.712,
118.252


 53, 81.712,
118.252

 43, 81.712,
118.252

 33, 81.712,
118.252

 23, 81.712,
118.252

 13, 81.712,
118.252

 3, 81.712, 118.252

■ 0, 81.712, 118.252

■ 73, 81.712,
118.252

■ 73, 81.712,
118.252

■ 73, 83.047,
118.708

■ 73, 78.081,
117.567

■ 74, 72.373,
117.315

■ 74, 64.936,
117.406

■ 75, 56.248,
117.735

■ 75, 46.727,
118.213

■ 76, 36.681,
118.774

■ 77, 26.319,
119.374

■ 78, 15.784,
119.984

■ 78, 5.169, 120.588

Harmonies

Complementary

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



73, 81.712, 118.252



27, 104.107, 307.991

Rectangle

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



73, 81.712, 118.252



73, 81.712, 168.252



73, 81.712, 298.252



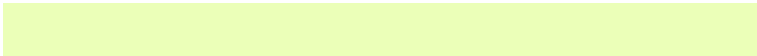
73, 81.712, 348.252

Sweetspot

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



73, 81.712, 118.254



97, 36.723, 119.157



45, 75.369, 46.031



51, 25.283, 118.895



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 81.712, 118.254



92, 101.622, 118.928



69, 94.095, 134.050



41, 5.981, 120.317



61, 71.760, 118.511



11, 19.534, 122.574

Inverse Universe

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



27, 104.107, 307.991



35, 130.688, 307.853



39, 95.450, 319.782



38, 6.096, 301.439



20, 92.187, 308.109



2, 19.702, 298.526

Previews

White Background



This preview shows how the CIELCh color 73, 81.712, 118.252 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 73, 81.712, 118.252 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 73, 81.712, 118.252

Background



This preview shows how black text looks on a background with the CIELCh color 73, 81.712, 118.252.

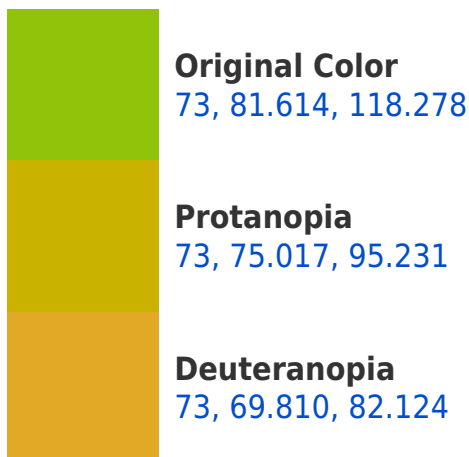


This preview shows how white text looks on a background with the CIELCh color 73, 81.712, 118.252.

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
73, 10.190, 247.485

Trichromacy



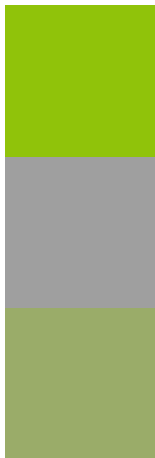
Original Color
73, 81.614, 118.278

Protanomaly
73, 75.758, 104.574

Deuteranomaly
72, 70.798, 97.014

Tritanomaly
72, 33.906, 128.510

Monochromacy



Original Color
73, 81.614, 118.278

Achromatopsia
65, 0.008, 296.813

Achromatomaly
68, 36.783, 118.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 81.712, 118.252 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, 195, 10)` looks like.

```
.text, #text, p{  
    color:rgb(144, 195, 10)  
}
```

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, 195, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 195, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 81.712, 118.252 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, 195, 10) }
```

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

```
.border{ border-color:rgb(144, 195, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 195, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 195, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 195, 10);  
box-shadow:4px 4px 4px 4px rgb(144, 195,  
10) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 81.712, 118.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 195, 10) }
```

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

```
.background{ background-color: rgb(144,  
195, 10) }
```

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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