

Converting Colors

CIELCh(79, 72.617, 118.276)

Have a look what the booklet for
CIELCh(79, 72.617, 118.276)
contains.

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Color

CIELCh(79, 72.607, 118.274)

Conversions

Conversions Part 1

Format	Color
Hex	A7D241
RGB	167, 210, 65
RGB Percent	65%, 82%, 25%
CMY	0.3436, 0.1749, 0.7435
CMYK	0.20, 0.00, 0.69, 0.17
HSL	78°, 62%, 54%
HSV	78°, 69%, 83%
XYZ	40.1267, 54.9284, 13.5487
YIQ	180.6130, 20.9170, -54.2110

Conversions

Conversions Part 2

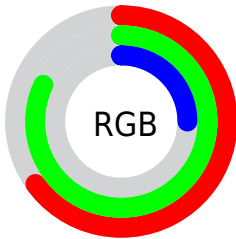
Format	Color
RYB	65, 210, 108
Decimal	10998337
CIELab	79.00, -34.39, 63.94
CIELCh	79, 72.607, 118.274
Yxy	54.9284, 0.3695, 0.5058
Android (android.graphics.Color)	4289188417 (0xFFA7D241)
YUV	180.6130, -56.9972, -11.9386
Hunter-Lab	74.1137, -33.0553, 41.0408

Details

The CIELCh color **79, 72.607, 118.274** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **41, 85.792, 307.228**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 66.480, 115.564**, and **59, 70.056, 118.901** is the 20% darker color. If you saturate the color by 10%, you get **78, 79.828, 118.351**, and if you desaturate by 10%, it is **80, 63.836, 118.492**.

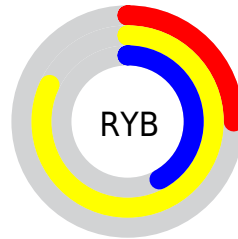
Distribution



Red (65%)

Green (82%)

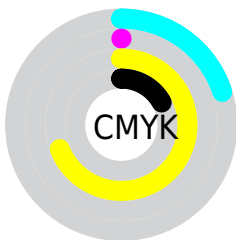
Blue (25%)



Red (25%)

Yellow (82%)

Blue (42%)

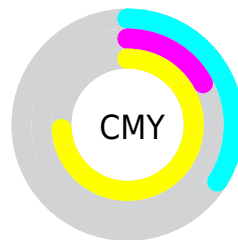


Cyan (20%)

Magenta (0%)

Yellow (69%)

Black (17%)



Cyan (34%)


Magenta (17%)

Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 72.607, 118.274 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 79, 72.607, 118.274 by changing the saturation by 10% instead.

 79, 72.607,
118.274

 79, 72.607,
118.274

 100, 72.607,
118.274

 69, 72.607,
118.274


 99, 72.607,
118.274

 59, 72.607,
118.274

 49, 72.607,
118.274

 39, 72.607,
118.274

 29, 72.607,
118.274

 19, 72.607,
118.274

 9, 72.607, 118.274

■ 0, 72.607, 118.274

■ 79, 72.607,
118.274

■ 79, 72.607,
118.274

■ 78, 79.828,
118.351

■ 80, 63.836,
118.492

■ 78, 85.012,
118.827

■ 80, 54.001,
118.898

■ 78, 88.098,
119.733

■ 81, 43.483,
119.415

■ 78, 88.390,
119.837

■ 82, 32.549,
119.987

■ 83, 21.377,
120.579

■ 83, 10.087,
121.169

■ 84, 1.239, 301.693

■ 86, 12.544,
302.271

■ 87, 23.787,
302.782

Harmonies

Complementary

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



79, 72.607, 118.274



41, 85.792, 307.228

Rectangle

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



79, 72.607, 118.274



79, 72.607, 168.274



79, 72.607, 298.274



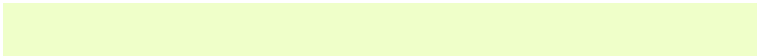
79, 72.607, 348.274

Sweetspot

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



79, 72.608, 118.276



98, 27.723, 120.441



57, 55.954, 47.461



52, 18.745, 120.276



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 72.608, 118.276



93, 95.608, 118.533



76, 83.010, 134.374



44, 6.388, 121.140



63, 74.753, 119.613



15, 24.536, 121.021

Inverse Universe

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



41, 85.792, 307.228



41, 117.998, 308.180



50, 84.824, 320.824



41, 6.509, 302.230



22, 95.105, 308.344



2, 25.966, 300.736

Previews

White Background



This preview shows how the CIELCh color 79, 72.607, 118.274 looks on a white background.

Color Contrast Check

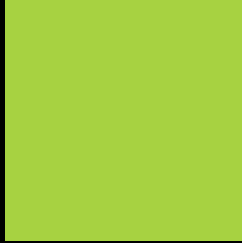
Large Text (above 18pt) WCAG AA × Fail

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 79, 72.607, 118.274 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 79, 72.607, 118.274

Background



This preview shows how black text looks on a background with the CIELCh color 79, 72.607, 118.274.

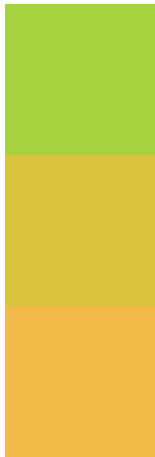


This preview shows how white text looks on a background with the CIELCh color 79, 72.607, 118.274.

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
79, 72.607, 118.274

Protanopia
79, 66.761, 95.321

Deuteranopia
79, 62.956, 80.629



Tritanopia
79, 9.115, 261.032

Trichromacy



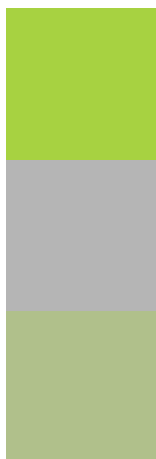
Original Color
79, 72.607, 118.274

Protanomaly
79, 67.416, 104.397

Deuteranomaly
78, 62.462, 95.530

Tritanomaly
79, 24.620, 130.133

Monochromacy



Original Color
79, 72.607, 118.274

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 28.895, 120.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 72.607, 118.274 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(167, 210, 65)` looks like.

```
.text, #text, p{  
    color:rgb(167, 210, 65)  
}
```

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(167, 210, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 210, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 72.607, 118.274 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(167, 210, 65) }
```

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

```
.border{ border-color:rgb(167, 210, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 210, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 210, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 210, 65);  
box-shadow:4px 4px 4px 4px rgb(167, 210,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 72.607, 118.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 210, 65) }
```

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

```
.background{ background-color: rgb(167,  
210, 65) }
```

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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