

Converting Colors

CIELCh(79, 87.111, 120.000)

Have a look what the booklet for
CIELCh(79, 87.111, 120.000)
contains.

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Color

CIELCh(79, 87.097, 120.105)

Conversions

Conversions Part 1

Format	Color
Hex	98D616
RGB	152, 214, 22
RGB Percent	60%, 84%, 9%
CMY	0.4033, 0.1601, 0.9124
CMYK	0.29, 0.00, 0.90, 0.16
HSL	79°, 81%, 46%
HSV	79°, 90%, 84%
XYZ	37.2174, 54.9284, 9.4165
YIQ	173.5740, 24.6800, -72.8560

Conversions

Conversions Part 2

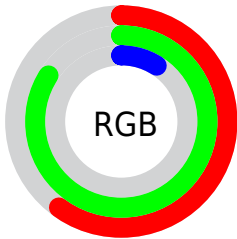
Format	Color
RYB	22, 214, 84
Decimal	10016278
CIELab	79.00, -43.69, 75.35
CIElCh	79, 87.097, 120.105
Yxy	54.9284, 0.3664, 0.5408
Android (android.graphics.Color)	4288206358 (0xFF98D616)
YUV	173.5740, -74.7260, -18.9204
Hunter-Lab	74.1137, -40.0623, 44.3465

Details

The CIELCh color **79, 87.097, 120.105** 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 **33, 107.722, 308.748**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 79.343, 117.173**, and **59, 74.253, 124.516** is the 20% darker color. If you saturate the color by 10%, you get **79, 90.217, 121.085**, and if you desaturate by 10%, it is **79, 81.907, 119.555**.

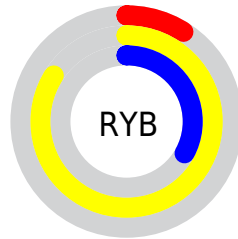
Distribution



Red (60%)

Green (84%)

Blue (9%)



Red (9%)

Yellow (84%)

Blue (33%)

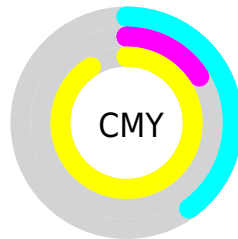


Cyan (29%)

Magenta (0%)

Yellow (90%)

Black (16%)



Cyan (40%)


Magenta (16%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 87.097, 120.105 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, 87.097, 120.105 by changing the saturation by 10% instead.


 79, 87.097,
120.105

 79, 87.097,
120.105


 100, 87.097,
120.105


 69, 87.097,
120.105


 99, 87.097,
120.105

 59, 87.097,
120.105

 49, 87.097,
120.105

 39, 87.097,
120.105

 29, 87.097,
120.105

 19, 87.097,
120.105

 9, 87.097, 120.105

■ 0, 87.097, 120.105

■ 79, 87.097,
120.105

■ 79, 87.097,
120.105

■ 79, 90.217,
121.085

■ 79, 81.907,
119.555

■ 79, 90.338,
121.129

■ 80, 74.629,
119.423

■ 81, 65.745,
119.599

■ 81, 55.755,
119.974

■ 82, 45.053,
120.464

■ 83, 33.917,
121.014

■ 84, 22.534,
121.584

■ 85, 11.030,
122.152

■ 86, 0.509, 302.577

Harmonies

Complementary

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



79, 87.097, 120.105



33, 107.722, 308.748

Rectangle

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



79, 87.097, 120.105



79, 87.097, 170.105



79, 87.097, 300.105



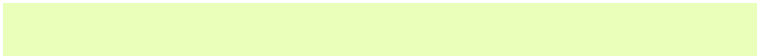
79, 87.097, 350.105

Sweetspot

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



79, 87.097, 120.107



97, 35.724, 121.144



52, 75.158, 49.234



51, 24.028, 120.949



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, 87.097, 120.107



92, 103.158, 121.279



76, 99.827, 134.631



45, 6.544, 122.161



64, 76.215, 120.896



16, 26.270, 121.691

Inverse Universe

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



33, 107.722, 308.748



36, 129.637, 308.456



46, 100.038, 321.662



42, 6.664, 303.204



23, 95.733, 308.695



2, 28.141, 302.264

Previews

White Background



This preview shows how the CIELCh color 79, 87.097, 120.105 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 CIE LCh color 79, 87.097, 120.105 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, 87.097, 120.105

Background



This preview shows how black text looks on a background with the CIELCh color 79, 87.097, 120.105.

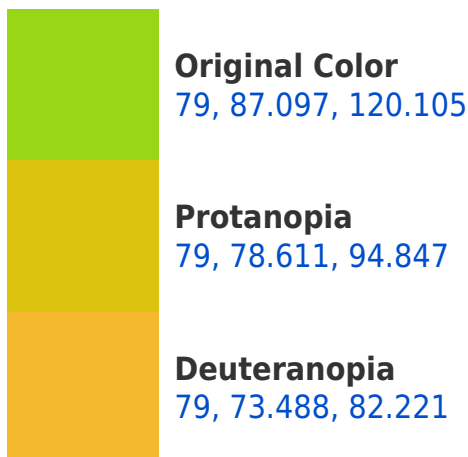


This preview shows how white text looks on a background with the CIELCh color 79, 87.097, 120.105.

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
79, 12.374, 242.833

Trichromacy



Original Color
79, 87.097, 120.105



Protanomaly
78, 79.636, 105.201



Deuteranomaly
78, 74.082, 98.221

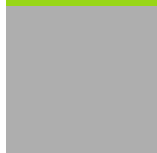


Tritanomaly
78, 35.283, 133.309

Monochromacy



Original Color
79, 87.097, 120.105



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 38.231, 120.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 87.097, 120.105 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(152, 214, 22)` looks like.

```
.text, #text, p{  
    color:rgb(152, 214, 22)  
}
```

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(152, 214, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 214, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 87.097, 120.105 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(152, 214, 22) }
```

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

```
.border{ border-color:rgb(152, 214, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 214, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 214, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 214, 22);  
box-shadow:4px 4px 4px 4px rgb(152, 214,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 87.097, 120.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 214, 22) }
```

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

```
.background{ background-color: rgb(152,  
214, 22) }
```

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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