

Converting Colors

CIELCh(88, 96.694, 119.659)

Have a look what the booklet for
CIELCh(88, 96.694, 119.659)
contains.

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Color

CIELCh(88, 96.411, 119.505)

Conversions

Conversions Part 1

Format	Color
Hex	ADF110
RGB	173, 241, 16
RGB Percent	68%, 95%, 6%
CMY	0.3202, 0.0536, 0.9373
CMYK	0.28, 0.00, 0.93, 0.05
HSL	78°, 89%, 50%
HSV	78°, 93%, 95%
XYZ	48.9542, 72.0653, 11.8182
YIQ	195.0180, 31.6970, -84.3910

Conversions

Conversions Part 2

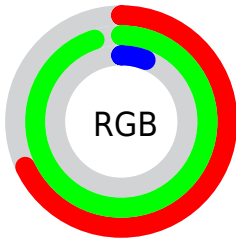
Format	Color
RYB	16, 241, 84
Decimal	11399440
CIELab	88.00, -47.48, 83.91
CIELCh	88, 96.411, 119.505
Yxy	72.0653, 0.3685, 0.5425
Android (android.graphics.Color)	4289589520 (0xFFADF110)
YUV	195.0180, -88.2559, -19.3098
Hunter-Lab	84.8913, -45.6241, 51.1698

Details

The CIELCh color **88, 96.411, 119.505** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **35, 121.348, 308.368**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 76.566, 111.103**, and **68, 82.494, 123.674** is the 20% darker color. If you saturate the color by 10%, you get **88, 98.242, 120.206**, and if you desaturate by 10%, it is **88, 91.900, 118.774**.

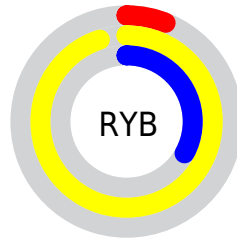
Distribution



Red (68%)

Green (95%)

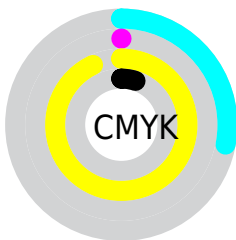
Blue (6%)



Red (6%)

Yellow (95%)

Blue (33%)

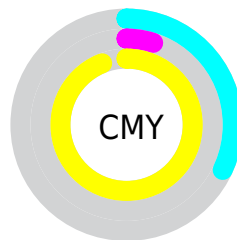


Cyan (28%)

Magenta (0%)

Yellow (93%)

Black (5%)



Cyan (32%)

Magenta (5%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 96.411, 119.505 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 88, 96.411, 119.505 by changing the saturation by 10% instead.

■ 88, 96.411,
119.505

■ 88, 96.411,
119.505

■ 100, 96.411,
119.505

■ 78, 96.411,
119.505

■ 68, 96.411,
119.505

■ 58, 96.411,
119.505

■ 48, 96.411,
119.505

■ 38, 96.411,
119.505


■ 28, 96.411,
119.505


■ 18, 96.411,


119.505


 8, 96.411, 119.505

 0, 96.411, 119.505


 88, 96.411,
119.505


 88, 96.411,
119.505


 88, 98.242,
120.206

 88, 91.900,
118.774

 89, 84.913,
118.498

 90, 75.888,
118.577

 90, 65.403,
118.899

 91, 53.958,

119.370

■ 92, 41.914,
119.921

■ 93, 29.517,
120.507

■ 94, 16.933,
121.101

■ 95, 4.271, 121.689

Harmonies

Complementary

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



88, 96.411, 119.505



35, 121.348, 308.368

Rectangle

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



88, 96.411, 119.505



88, 96.411, 169.505



88, 96.411, 299.505



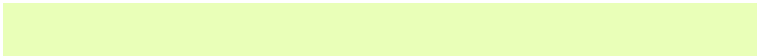
88, 96.411, 349.505

Sweetspot

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



88, 96.411, 119.507



97, 36.887, 120.229



57, 86.619, 47.767



51, 25.399, 119.977



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 96.411, 119.507



92, 102.454, 120.249



84, 110.877, 134.524



50, 7.153, 121.330



69, 79.902, 119.955



21, 33.223, 119.001

Inverse Universe

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



35, 121.348, 308.368



36, 130.122, 308.172



50, 111.314, 320.921



46, 7.289, 302.428



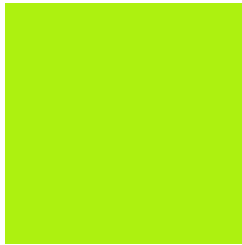
25, 101.427, 308.353



4, 38.790, 306.042

Previews

White Background



This preview shows how the CIELCh color 88, 96.411, 119.505 looks on a white background.

Color Contrast Check

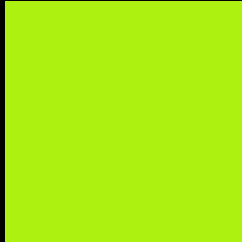
Large Text (above 18pt) WCAG AA × Fail

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 88, 96.411, 119.505 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 88, 96.411, 119.505

Background



This preview shows how black text looks on a background with the CIELCh color 88, 96.411, 119.505.



This preview shows how white text looks on a background with the CIELCh color 88, 96.411, 119.505.

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](#).

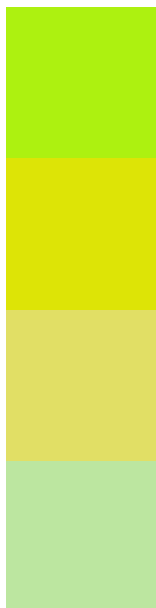
Dichromacy





Tritanopia
88, 13.074, 245.181

Trichromacy



Original Color
88, 96.315, 119.527

Protanomaly
87, 88.639, 104.825

Deuteranomaly
87, 60.765, 104.245

Tritanomaly
87, 39.503, 131.087

Monochromacy



Original Color
88, 96.315, 119.527

Achromatopsia
79, 0.010, 296.813

Achromatomaly
81, 43.564, 119.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 96.411, 119.505 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(173, 241, 16)` looks like.

```
.text, #text, p{  
    color:rgb(173, 241, 16)  
}
```

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(173, 241, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 241, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 96.411, 119.505 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(173, 241, 16) }
```

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

```
.border{ border-color:rgb(173, 241, 16) }
```

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

Here you see how a box with a 4 pixel rgb(173, 241, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 241, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 241, 16);  
box-shadow:4px 4px 4px 4px rgb(173, 241,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 96.411, 119.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 241, 16) }
```

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

```
.background{ background-color: rgb(173,  
241, 16) }
```

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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