

Converting Colors

CIELCh(88, 97.367, 119.280)

Have a look what the booklet for
CIELCh(88, 97.367, 119.280)
contains.

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Color

CIELCh(88, 97.257, 119.306)

Conversions

Conversions Part 1

Format	Color
Hex	ADF105
RGB	173, 241, 5
RGB Percent	68%, 95%, 2%
CMY	0.3201, 0.0535, 0.9788
CMYK	0.28, 0.00, 0.98, 0.05
HSL	77°, 96%, 48%
HSV	77°, 98%, 95%
XYZ	48.9094, 72.0653, 11.4861
YIQ	193.7640, 35.2280, -87.8120

Conversions

Conversions Part 2

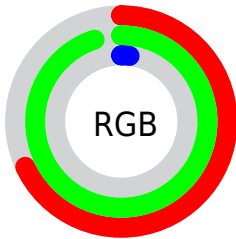
Format	Color
R _Y B	5, 241, 73
Decimal	11399429
CIE Lab	88.00, -47.60, 84.81
CIE LCh	88, 97.257, 119.306
Yxy	72.0653, 0.3692, 0.5440
Android (android.graphics.Color)	4289589509 (0xFFADF105)
YUV	193.7640, -93.0607, -18.2100
Hunter-Lab	84.8913, -45.7184, 51.4017

Details

The CIELCh color **88, 97.257, 119.306** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle saturated chartreuse. A complement of this color would be **34, 123.935, 308.070**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 77.701, 110.928**, and **68, 82.494, 123.674** is the 20% darker color. If you saturate the color by 10%, you get **88, 97.841, 119.537**, and if you desaturate by 10%, it is **88, 93.867, 118.402**.

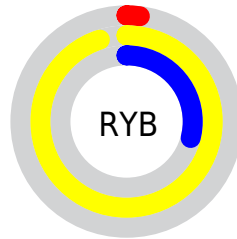
Distribution



Red (68%)

Green (95%)

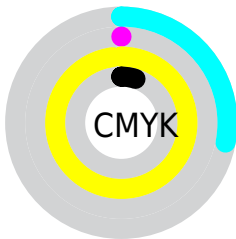
Blue (2%)



Red (2%)

Yellow (95%)

Blue (29%)

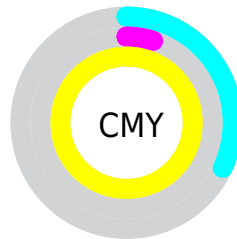


Cyan (28%)

Magenta (0%)

Yellow (98%)

Black (5%)



Cyan (32%)


Magenta (5%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 97.257, 119.306 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, 97.257, 119.306 by changing the saturation by 10% instead.


 88, 97.257,
119.306


 88, 97.257,
119.306


 100, 97.257,
119.306


 78, 97.257,
119.306

 68, 97.257,
119.306

 58, 97.257,
119.306

 48, 97.257,
119.306

 38, 97.257,
119.306


 28, 97.257,
119.306


 18, 97.257,


119.306


 8, 97.257, 119.306


 0, 97.257, 119.306


 88, 97.257,
119.306


 88, 97.257,
119.306


 88, 97.841,
119.537

 88, 93.867,
118.402

 89, 87.987,
117.957

 89, 79.833,
117.912

 90, 69.962,
118.154

 91, 58.924,

118.581

■ 92, 47.142,
119.115

■ 92, 34.909,
119.702

■ 93, 22.421,
120.307

■ 94, 9.809, 120.908

Harmonies

Complementary

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



88, 97.257, 119.306



34, 123.935, 308.070

Rectangle

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



88, 97.257, 119.306



88, 97.257, 169.306



88, 97.257, 299.306



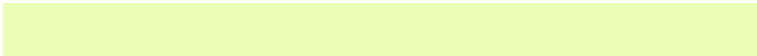
88, 97.257, 349.306

Sweetspot

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



88, 97.257, 119.308



97, 38.094, 119.623



56, 90.496, 46.330



51, 26.066, 119.369



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, 97.257, 119.308



92, 102.023, 119.580



84, 112.051, 134.514



50, 7.138, 120.806



69, 79.575, 119.293



21, 33.113, 118.371

Inverse Universe

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



34, 123.935, 308.070



35, 130.417, 308.005



49, 112.746, 320.119



46, 7.276, 301.930



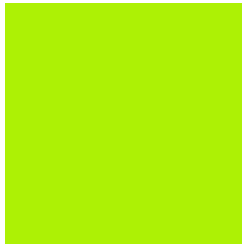
24, 101.660, 308.179



4, 38.733, 305.664

Previews

White Background



This preview shows how the CIELCh color 88, 97.257, 119.306 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 88, 97.257, 119.306 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, 97.257, 119.306

Background



This preview shows how black text looks on a background with the CIELCh color 88, 97.257, 119.306.



This preview shows how white text looks on a background with the CIELCh color 88, 97.257, 119.306.

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

88, 97.184, 119.323

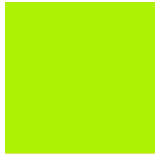
Deuteranopia

88, 37.188, 79.890

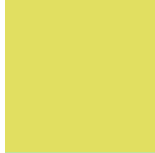
Tritanopia

88, 13.074, 245.181

Trichromacy



Original Color
88, 97.184, 119.323



Deuteranomaly
87, 62.505, 104.119

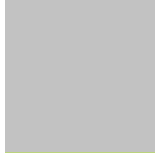


Tritanomaly
87, 41.359, 129.913

Monochromacy



Original Color
88, 97.184, 119.323



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 45.424, 118.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 97.257, 119.306 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, 5)` looks like.

```
.text, #text, p{  
    color:rgb(173, 241, 5)  
}
```

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, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 241, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 97.257, 119.306 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, 5) }
```

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

```
.border{ border-color:rgb(173, 241, 5) }
```

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, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 241, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 241, 5);  
box-shadow:4px 4px 4px 4px rgb(173, 241,  
5) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 97.257, 119.306 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, 5) }
```

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

```
.background{ background-color: rgb(173,  
241, 5) }
```

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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