

Converting Colors

CIELCh(88, 119.161, 136.228)

Have a look what the booklet for
CIELCh(88, 119.161, 136.228)
contains.

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Color

CIELCh(88, 118.871, 136.243)

Conversions

Conversions Part 1

Format	Color
Hex	0AFF0F
RGB	10, 255, 15
RGB Percent	4%, 100%, 6%
CMY	0.9607, 0.0000, 0.9405
CMYK	0.96, 0.00, 0.94, 0.00
HSL	121°, 100%, 52%
HSV	121°, 96%, 100%
XYZ	36.1957, 72.0653, 12.4599
YIQ	154.3850, -68.9800, -126.5800

Conversions

Conversions Part 2

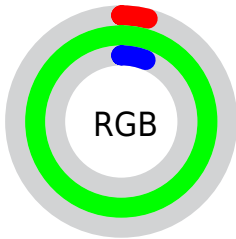
Format	Color
RYB	10, 250, 255
Decimal	720655
CIELab	88.00, -85.86, 82.21
CIELCh	88, 118.871, 136.243
Yxy	72.0653, 0.2998, 0.5970
Android (android.graphics.Color)	4278910735 (0xFF0AFF0F)
YUV	154.3850, -68.7168, -126.6256
Hunter-Lab	84.8913, -72.4514, 50.7216

Details

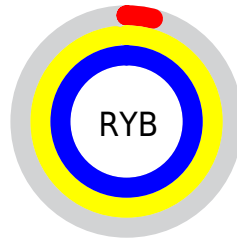
The CIELCh color **88, 118.871, 136.243** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **60, 113.063, 329.052**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 90.755, 135.995**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.446, 136.130**, and if you desaturate by 10%, it is **88, 114.611, 136.849**.

Distribution



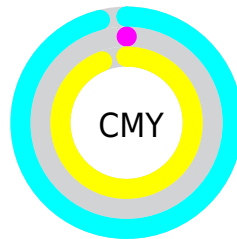
- Red (4%)
- Green (100%)
- Blue (6%)



- Red (4%)
- Yellow (98%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)





- Cyan (96%)
- Magenta (0%)
- Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 118.871, 136.243 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, 118.871, 136.243 by changing the saturation by 10% instead.


 88, 118.871,
136.243


 88, 118.871,
136.243


 100, 118.871,
136.243


 78, 118.871,
136.243


 68, 118.871,
136.243

 58, 118.871,
136.243

 48, 118.871,
136.243

 38, 118.871,
136.243

 28, 118.871,
136.243

 18, 118.871,

136.243

■ 8, 118.871,
136.243

■ 0, 118.871,
136.243

■ 88, 118.871,
136.243

■ 88, 118.871,
136.243

■ 88, 119.446,
136.130

■ 88, 114.611,
136.849

■ 88, 107.448,
137.786

■ 89, 97.475,
138.924

■ 90, 85.283,
140.117

■ 91, 71.477,
141.261

■ 93, 56.592,
142.300

■ 94, 41.075,
143.212

■ 96, 25.281,
143.999

■ 99, 9.485, 144.685

Harmonies

Complementary

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



88, 118.871, 136.243



60, 113.063, 329.052

Rectangle

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



88, 118.871, 136.243



88, 118.871, 186.243



88, 118.871, 316.243



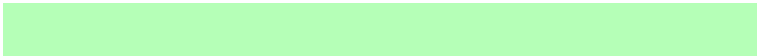
88, 118.871, 6.243

Sweetspot

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



88, 118.616, 136.245



94, 45.671, 142.958



97, 96.256, 103.919



49, 31.281, 142.568



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, 118.616, 136.245



88, 119.446, 136.130



89, 86.404, 150.404



52, 8.915, 144.457



68, 96.091, 136.179



22, 43.362, 137.170

Inverse Universe

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



60, 113.063, 329.052



60, 113.645, 329.102



55, 84.031, 2.828



50, 8.929, 325.514



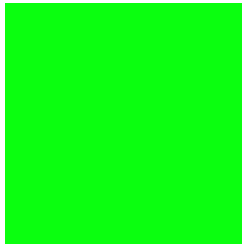
45, 91.561, 329.087



12, 42.206, 328.982

Previews

White Background



This preview shows how the CIELCh color 88, 118.871, 136.243 looks on a white background.

Color Contrast Check

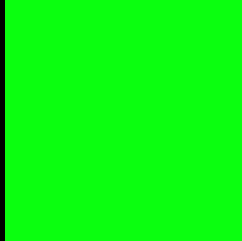
Large Text (above 18pt) WCAG AA × Fail

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, 118.871, 136.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

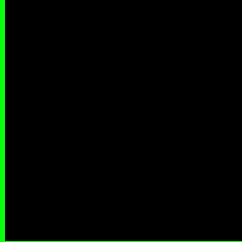
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

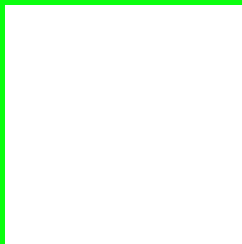
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 118.871, 136.243

Background



This preview shows how black text looks on a background with the CIELCh color 88, 118.871, 136.243.



This preview shows how white text looks on a background with the CIELCh color 88, 118.871, 136.243.

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, 118.631, 136.241

Protanopia

87, 87.019, 94.788

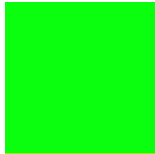
Deuteranopia

87, 39.985, 80.146



Tritanopia
87, 34.988, 214.035

Trichromacy



Original Color
88, 118.631, 136.241



Protanomaly
84, 94.729, 120.560

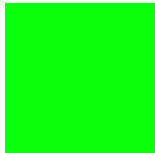


Deuteranomaly
84, 69.007, 125.393



Tritanomaly
86, 64.206, 158.037

Monochromacy



Original Color
88, 118.631, 136.241



Achromatopsia
64, 0.008, 296.813



Achromatomaly
70, 57.148, 141.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 118.871, 136.243 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(10, 255, 15)` looks like.

```
.text, #text, p{  
    color:rgb(10, 255, 15)  
}
```

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(10, 255, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 255, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 118.871, 136.243 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(10, 255, 15) }
```

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

```
.border{ border-color:rgb(10, 255, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 255, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 255, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 255, 15);  
box-shadow:4px 4px 4px 4px rgb(10, 255,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 118.871, 136.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 255, 15) }
```

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

```
.background{ background-color: rgb(10, 255,  
15) }
```

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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