

Converting Colors

CIELCh(88, 118.950, 136.204)

Have a look what the booklet for
CIELCh(88, 118.950, 136.204)
contains.

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Color

CIELCh(88, 118.689, 136.203)

Conversions

Conversions Part 1

Format	Color
Hex	0FFF10
RGB	15, 255, 16
RGB Percent	6%, 100%, 6%
CMY	0.9414, 0.0000, 0.9376
CMYK	0.94, 0.00, 0.94, 0.00
HSL	120°, 100%, 53%
HSV	120°, 94%, 100%
XYZ	36.2523, 72.0653, 12.4853
YIQ	155.9940, -66.3210, -125.2090

Conversions

Conversions Part 2

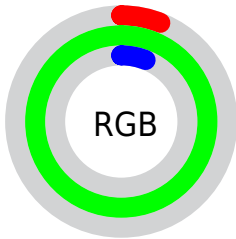
Format	Color
RYB	15, 254, 255
Decimal	1048336
CIELab	88.00, -85.67, 82.15
CIELCh	88, 118.689, 136.203
Yxy	72.0653, 0.3001, 0.5966
Android (android.graphics.Color)	4279238416 (0xFF0FFF10)
YUV	155.9940, -69.0170, -123.6517
Hunter-Lab	84.8913, -72.3324, 50.7038

Details

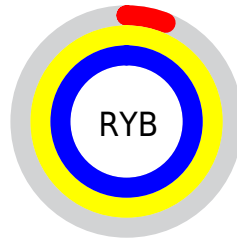
The CIELCh color **88, 118.689, 136.203** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **61, 114.194, 328.360**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 90.603, 135.861**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.713, 136.038**, and if you desaturate by 10%, it is **88, 114.149, 136.764**.

Distribution



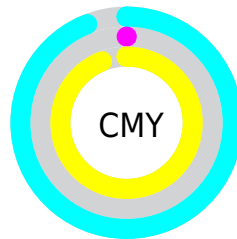
- Red (6%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 118.689, 136.203 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, 118.689, 136.203 by changing the saturation by 10% instead.


 88, 118.689,
136.203


 88, 118.689,
136.203


 100, 118.689,
136.203


 78, 118.689,
136.203


 68, 118.689,
136.203

 58, 118.689,
136.203

 48, 118.689,
136.203

 38, 118.689,
136.203

 28, 118.689,
136.203

 18, 118.689,

136.203

■ 8, 118.689,
136.203

■ 0, 118.689,
136.203

■ 88, 118.689,
136.203

■ 88, 118.689,
136.203

■ 88, 119.713,
136.038

■ 88, 114.149,
136.764

■ 88, 106.598,
137.664

■ 89, 96.206,
138.766

■ 90, 83.612,
139.926

■ 91, 69.446,
141.036

■ 93, 54.256,
142.043

■ 95, 38.487,
142.926

■ 97, 22.493,
143.687

■ 99, 6.539, 144.362

Harmonies

Complementary

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



88, 118.689, 136.203



61, 114.194, 328.360

Rectangle

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



88, 118.689, 136.203



88, 118.689, 186.203



88, 118.689, 316.203



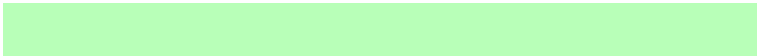
88, 118.689, 6.203

Sweetspot

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



88, 118.455, 136.205



94, 44.614, 142.600



97, 95.854, 102.927



49, 30.750, 142.214



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, 118.455, 136.205



88, 119.713, 136.038



89, 86.895, 149.997



52, 9.018, 144.004



68, 96.399, 136.048



22, 43.735, 136.853

Inverse Universe

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



61, 114.194, 328.360



60, 115.190, 328.399



55, 84.057, 0.463



50, 9.032, 325.056



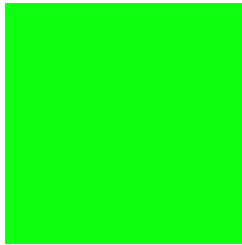
45, 92.784, 328.396



12, 42.702, 328.376

Previews

White Background



This preview shows how the CIELCh color 88, 118.689, 136.203 looks on a white background.

Color Contrast Check

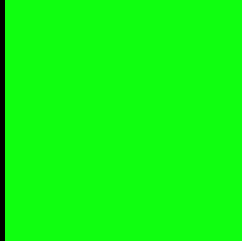
Large Text (above 18pt) WCAG AA × Fail

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, 118.689, 136.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

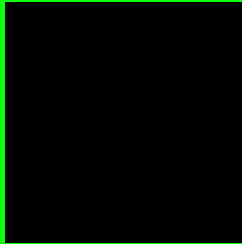
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

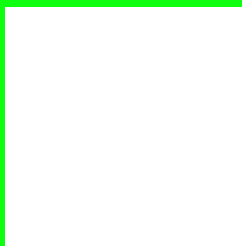
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 118.689, 136.203

Background



This preview shows how black text looks on a background with the CIELCh color 88, 118.689, 136.203.



This preview shows how white text looks on a background with the CIELCh color 88, 118.689, 136.203.

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, 118.447, 136.206

Protanopia

87, 87.019, 94.788

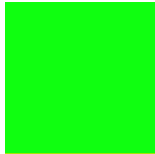
Deuteranopia

87, 39.985, 80.146



Tritanopia
87, 34.988, 214.035

Trichromacy



Original Color

88, 118.447, 136.206



Protanomaly

84, 94.472, 120.138



Deuteranomaly

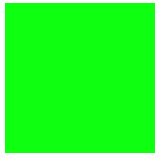
84, 68.723, 124.826



Tritanomaly

86, 63.944, 157.881

Monochromacy



Original Color

88, 118.447, 136.206



Achromatopsia

64, 0.008, 296.813



Achromatomaly

71, 56.735, 140.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 118.689, 136.203 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(15, 255, 16)` looks like.

```
.text, #text, p{  
    color:rgb(15, 255, 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(15, 255, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 255, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 118.689, 136.203 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(15, 255, 16) }
```

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

```
.border{ border-color:rgb(15, 255, 16) }
```

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

Here you see how a box with a 4 pixel rgb(15, 255, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 255, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 255, 16);  
box-shadow:4px 4px 4px 4px rgb(15, 255,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 118.689, 136.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 255, 16) }
```

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

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