

Converting Colors

CIELCh(88, 111.281, 138.829)

Have a look what the booklet for
CIELCh(88, 111.281, 138.829)
contains.

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Color

CIELCh(88, 111.181, 138.835)

Conversions

Conversions Part 1

Format	Color
Hex	10FF3C
RGB	16, 255, 60
RGB Percent	6%, 100%, 24%
CMY	0.9376, 0.0000, 0.7639
CMYK	0.94, 0.00, 0.76, 0.00
HSL	131°, 100%, 53%
HSV	131°, 94%, 100%
XYZ	36.8465, 72.0653, 16.2688
YIQ	161.3090, -79.8490, -111.3130

Conversions

Conversions Part 2

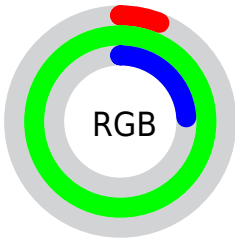
Format	Color
R _Y B	16, 218, 255
Decimal	1113916
CIE Lab	88.00, -83.70, 73.18
CIE LCh	88, 111.181, 138.835
Yxy	72.0653, 0.2943, 0.5757
Android (android.graphics.Color)	4279303996 (0xFF10FF3C)
YUV	161.3090, -49.9453, -127.4360
Hunter-Lab	84.8913, -71.0830, 48.0614

Details

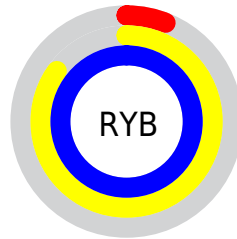
The CIELCh color **88, 111.181, 138.835** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **58, 99.517, 336.852**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 82.032, 139.825**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 114.303, 137.954**, and if you desaturate by 10%, it is **88, 104.372, 140.436**.

Distribution



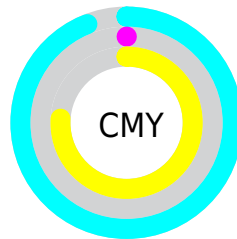
- Red (6%)
- Green (100%)
- Blue (24%)



- Red (6%)
- Yellow (85%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (76%)
- Black (0%)





- Cyan (94%)
- Magenta (0%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 111.181, 138.835 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, 111.181, 138.835 by changing the saturation by 10% instead.


 88, 111.181,
138.835


 88, 111.181,
138.835


 100, 111.181,
138.835


 78, 111.181,
138.835

 68, 111.181,
138.835

 58, 111.181,
138.835

 48, 111.181,
138.835

 38, 111.181,
138.835

 28, 111.181,
138.835

 18, 111.181,

138.835

■ 8, 111.181,
138.835

■ 0, 111.181,
138.835

■ 88, 111.181,
138.835

■ 88, 111.181,
138.835

■ 88, 114.303,
137.954

■ 88, 104.372,
140.436

■ 89, 95.683,
142.060

■ 90, 85.307,
143.607

■ 90, 73.558,
145.017

■ 92, 60.770,
146.268

■ 93, 47.269,
147.357

■ 95, 33.351,
148.297

■ 97, 19.270,
149.110

■ 99, 5.230, 149.853

Harmonies

Complementary

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



88, 111.181, 138.835



58, 99.517, 336.852

Rectangle

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



88, 111.181, 138.835



88, 111.181, 188.835



88, 111.181, 318.835



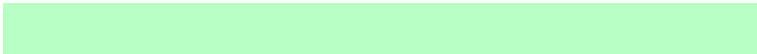
88, 111.181, 8.835

Sweetspot

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



88, 111.111, 138.840



94, 39.282, 147.916



94, 97.759, 113.528



49, 27.082, 147.501



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, 111.111, 138.840



88, 114.303, 137.954



89, 70.532, 161.471



52, 7.942, 149.426



68, 91.475, 138.223



23, 39.796, 140.598

Inverse Universe

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



58, 99.517, 336.852



58, 99.784, 337.488



54, 85.079, 17.342



50, 7.966, 330.580



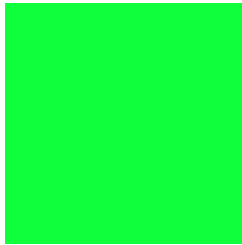
44, 80.565, 337.297



11, 37.696, 336.007

Previews

White Background



This preview shows how the CIELCh color 88, 111.181, 138.835 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, 111.181, 138.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

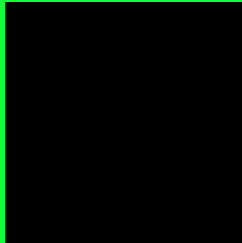
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

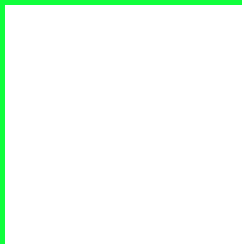
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 111.181, 138.835

Background



This preview shows how black text looks on a background with the CIELCh color 88, 111.181, 138.835.

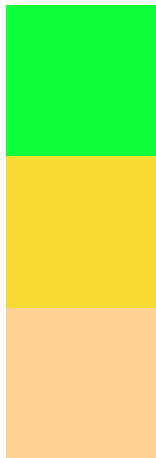


This preview shows how white text looks on a background with the CIELCh color 88, 111.181, 138.835.

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

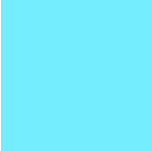
88, 111.156, 138.820

Protanopia

87, 78.822, 95.328

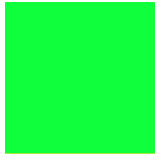
Deuteranopia

87, 38.137, 79.045



Tritanopia
88, 34.780, 213.219

Trichromacy



Original Color
88, 111.156, 138.820



Protanomaly
85, 86.850, 122.417

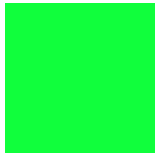


Deuteranomaly
84, 61.180, 127.719

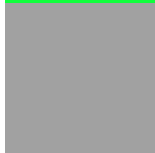


Tritanomaly
87, 58.428, 163.336

Monochromacy



Original Color
88, 111.156, 138.820



Achromatopsia
66, 0.008, 296.813



Achromatomaly
72, 49.870, 146.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 111.181, 138.835 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(16, 255, 60)` looks like.

```
.text, #text, p{  
    color:rgb(16, 255, 60)  
}
```

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(16, 255, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 255, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 111.181, 138.835 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(16, 255, 60) }
```

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

```
.border{ border-color:rgb(16, 255, 60) }
```

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

Here you see how a box with a 4 pixel rgb(16, 255, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 255, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 255, 60);  
box-shadow:4px 4px 4px 4px rgb(16, 255,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 111.181, 138.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 255, 60) }
```

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

```
.background{ background-color: rgb(16, 255,  
60) }
```

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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