

Converting Colors

CIELCh(88, 112.533, 138.115)

Have a look what the booklet for
CIELCh(88, 112.533, 138.115)
contains.

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Color

CIELCh(88, 112.577, 138.089)

Conversions

Conversions Part 1

Format	Color
Hex	18FF35
RGB	24, 255, 53
RGB Percent	9%, 100%, 21%
CMY	0.9075, 0.0000, 0.7914
CMYK	0.91, 0.00, 0.79, 0.00
HSL	128°, 100%, 55%
HSV	128°, 91%, 100%
XYZ	36.8225, 72.0653, 15.3592
YIQ	162.9030, -72.8340, -111.7940

Conversions

Conversions Part 2

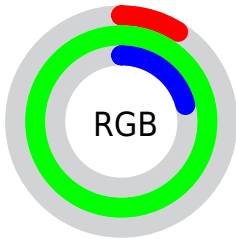
Format	Color
R_YB	24, 229, 255
Decimal	1638197
CIE Lab	88.00, -83.78, 75.20
CIE LCh	88, 112.577, 138.089
Yxy	72.0653, 0.2964, 0.5800
Android (android.graphics.Color)	4279828277 (0xFF18FF35)
YUV	162.9030, -54.1822, -121.8179
Hunter-Lab	84.8913, -71.1334, 48.6967

Details

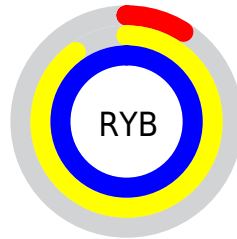
The CIELCh color **88, 112.577, 138.089** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **59, 103.360, 333.619**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 83.593, 138.668**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 116.836, 137.041**, and if you desaturate by 10%, it is **88, 105.519, 139.473**.

Distribution



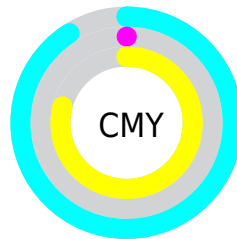
- Red (9%)
- Green (100%)
- Blue (21%)



- Red (9%)
- Yellow (90%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (79%)
- Black (0%)




- Cyan (91%)
- Magenta (0%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 112.577, 138.089 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, 112.577, 138.089 by changing the saturation by 10% instead.


 88, 112.577,
138.089

 88, 112.577,
138.089


 100, 112.577,
138.089


 78, 112.577,
138.089


 68, 112.577,
138.089

 58, 112.577,
138.089

 48, 112.577,
138.089

 38, 112.577,
138.089

 28, 112.577,
138.089

 18, 112.577,

138.089

■ 8, 112.577,
138.089

■ 0, 112.577,
138.089

■ 88, 112.577,
138.089

■ 88, 112.577,
138.089

■ 88, 116.836,
137.041

■ 88, 105.519,
139.473

■ 89, 96.297,
140.930

■ 90, 85.225,
142.349

■ 91, 72.712,
143.657

■ 92, 59.158,
144.823

■ 94, 44.928,
145.840

■ 95, 30.341,
146.717

■ 98, 15.655,
147.474

■ 100, 1.071,
148.415

Harmonies

Complementary

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



88, 112.577, 138.089



59, 103.360, 333.619

Rectangle

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



88, 112.577, 138.089



88, 112.577, 188.089



88, 112.577, 318.089



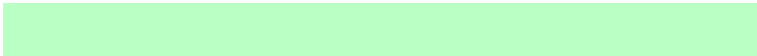
88, 112.577, 8.089

Sweetspot

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



88, 112.515, 138.092



94, 39.489, 146.184



95, 95.744, 109.701



50, 26.588, 145.871



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, 112.515, 138.092



88, 116.836, 137.041



89, 74.988, 157.474



52, 8.275, 147.562



68, 93.637, 137.248



23, 41.042, 139.310

Inverse Universe

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



59, 103.360, 333.619



59, 104.345, 334.211



55, 82.749, 9.654



50, 8.294, 328.673



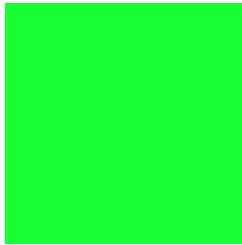
44, 84.189, 334.094



12, 39.198, 333.300

Previews

White Background



This preview shows how the CIELCh color 88, 112.577, 138.089 looks on a white background.

Color Contrast Check

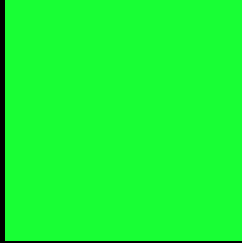
Large Text (above 18pt) WCAG AA × Fail

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, 112.577, 138.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

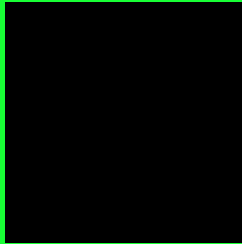
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

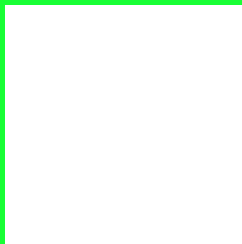
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 112.577, 138.089

Background



This preview shows how black text looks on a background with the CIELCh color 88, 112.577, 138.089.

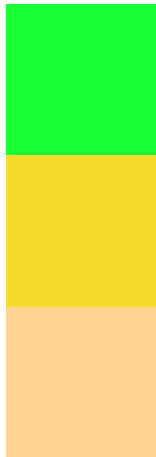


This preview shows how white text looks on a background with the CIELCh color 88, 112.577, 138.089.

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

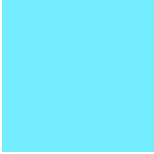
88, 112.543, 138.068

Protanopia

87, 80.759, 95.047

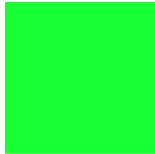
Deuteranopia

87, 38.137, 79.045



Tritanopia
88, 34.780, 213.219

Trichromacy



Original Color
88, 112.543, 138.068



Protanomaly
85, 88.259, 121.244

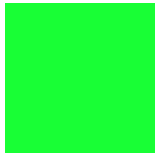


Deuteranomaly
84, 61.595, 126.430



Tritanomaly
87, 58.848, 162.396

Monochromacy



Original Color
88, 112.543, 138.068



Achromatopsia
67, 0.008, 296.813



Achromatomaly
72, 50.071, 144.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 112.577, 138.089 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(24, 255, 53)` looks like.

```
.text, #text, p{  
    color:rgb(24, 255, 53)  
}
```

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(24, 255, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 255, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 112.577, 138.089 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(24, 255, 53) }
```

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

```
.border{ border-color:rgb(24, 255, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 255, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 255, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 255, 53);  
box-shadow:4px 4px 4px 4px rgb(24, 255,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 112.577, 138.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 255, 53) }
```

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

```
.background{ background-color: rgb(24, 255,  
53) }
```

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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