

Converting Colors

CIELCh(88, 116.786, 136.579)

Have a look what the booklet for
CIELCh(88, 116.786, 136.579)
contains.

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Color

CIELCh(88, 116.662, 136.583)

Conversions

Conversions Part 1

Format	Color
Hex	19FF1F
RGB	25, 255, 31
RGB Percent	10%, 100%, 12%
CMY	0.9004, 0.0000, 0.8797
CMYK	0.90, 0.00, 0.88, 0.00
HSL	121°, 100%, 55%
HSV	121°, 90%, 100%
XYZ	36.5318, 72.0653, 13.2575
YIQ	160.6940, -65.1760, -118.4240

Conversions

Conversions Part 2

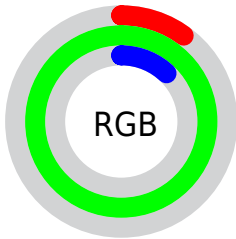
Format	Color
R_{YB}	25, 249, 255
Decimal	1703711
CIE _{Lab}	88.00, -84.74, 80.18
CIE _{LCh}	88, 116.662, 136.583
Yxy	72.0653, 0.2998, 0.5914
Android (android.graphics.Color)	4279893791 (0xFF19FF1F)
YUV	160.6940, -63.9391, -119.0036
Hunter-Lab	84.8913, -71.7448, 50.1645

Details

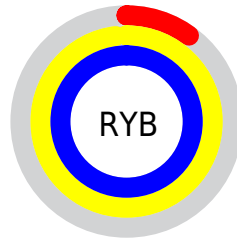
The CIELCh color **88, 116.662, 136.583** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark washed green. A complement of this color would be **61, 111.539, 329.040**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 88.188, 136.451**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.415, 136.141**, and if you desaturate by 10%, it is **88, 110.568, 137.415**.

Distribution



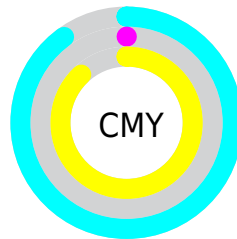
- Red (10%)
- Green (100%)
- Blue (12%)



- Red (10%)
- Yellow (98%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (88%)
- Black (0%)





- Cyan (90%)
- Magenta (0%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 116.662, 136.583 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, 116.662, 136.583 by changing the saturation by 10% instead.


 88, 116.662,
136.583


 88, 116.662,
136.583


 100, 116.662,
136.583


 78, 116.662,
136.583


 68, 116.662,
136.583

 58, 116.662,
136.583

 48, 116.662,
136.583

 38, 116.662,
136.583

 28, 116.662,
136.583

 18, 116.662,

136.583

■ 8, 116.662,
136.583

■ 0, 116.662,
136.583

■ 88, 116.662,
136.583

■ 88, 116.662,
136.583

■ 88, 119.415,
136.141

■ 88, 110.568,
137.415

■ 89, 101.633,
138.500

■ 90, 90.248,
139.692

■ 91, 77.024,
140.867

■ 92, 62.526,
141.954

■ 94, 47.231,
142.917

■ 95, 31.531,
143.753

■ 98, 15.730,
144.474

100, 0.054,
150.918

Harmonies

Complementary

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



88, 116.662, 136.583



61, 111.539, 329.040

Rectangle

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



88, 116.662, 136.583



88, 116.662, 186.583



88, 116.662, 316.583



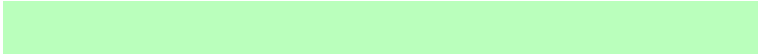
88, 116.662, 6.583

Sweetspot

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



88, 116.521, 136.586



94, 42.484, 143.185



97, 94.743, 103.977



50, 28.600, 142.884



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, 116.521, 136.586



88, 119.415, 136.141



89, 83.188, 151.793



52, 8.903, 144.510



68, 96.055, 136.195



22, 43.318, 137.207

Inverse Universe

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



61, 111.539, 329.040



60, 113.465, 329.186



56, 83.068, 0.311



50, 8.917, 325.568



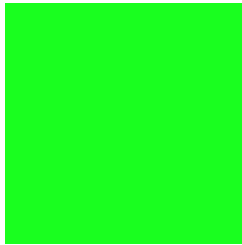
45, 91.418, 329.169



12, 42.148, 329.054

Previews

White Background



This preview shows how the CIELCh color 88, 116.662, 136.583 looks on a white background.

Color Contrast Check

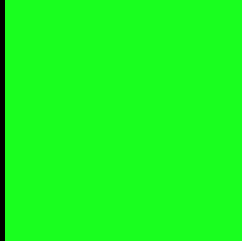
Large Text (above 18pt) WCAG AA × Fail

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, 116.662, 136.583 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

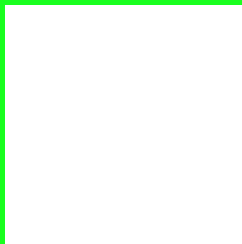
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 116.662, 136.583

Background



This preview shows how black text looks on a background with the CIELCh color 88, 116.662, 136.583.



This preview shows how white text looks on a background with the CIELCh color 88, 116.662, 136.583.

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

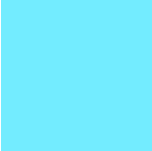
88, 116.490, 136.610

Protanopia

87, 85.718, 95.098

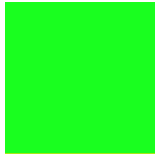
Deuteranopia

87, 39.060, 79.611



Tritanopia
87, 34.802, 214.137

Trichromacy



Original Color
88, 116.490, 136.610



Protanomaly
85, 92.832, 119.812

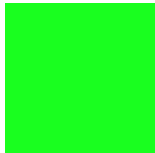


Deuteranomaly
84, 65.697, 124.523



Tritanomaly
86, 61.566, 159.287

Monochromacy



Original Color
88, 116.490, 136.610



Achromatopsia
66, 0.008, 296.813



Achromatomaly
72, 53.310, 141.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 116.662, 136.583 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(25, 255, 31)` looks like.

```
.text, #text, p{  
    color:rgb(25, 255, 31)  
}
```

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(25, 255, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 255, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 116.662, 136.583 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(25, 255, 31) }
```

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

```
.border{ border-color:rgb(25, 255, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 255, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 255, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 255, 31);  
box-shadow:4px 4px 4px 4px rgb(25, 255,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 116.662, 136.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 255, 31) }
```

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

```
.background{ background-color: rgb(25, 255,  
31) }
```

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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