

Converting Colors

CIELCh(88, 116.997, 136.129)

Have a look what the booklet for
CIELCh(88, 116.997, 136.129)
contains.

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Color

CIELCh(88, 116.895, 136.115)

Conversions

Conversions Part 1

Format	Color
Hex	23FF19
RGB	35, 255, 25
RGB Percent	14%, 100%, 10%
CMY	0.8645, 0.0000, 0.9003
CMYK	0.86, 0.00, 0.90, 0.00
HSL	118°, 100%, 55%
HSV	118°, 90%, 100%
XYZ	36.6796, 72.0653, 12.9190
YIQ	163.0000, -57.2900, -118.1700

Conversions

Conversions Part 2

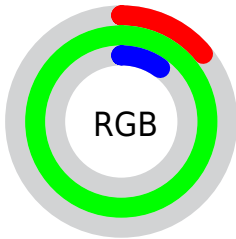
Format	Color
R _Y B	25, 255, 245
Decimal	2359065
CIE Lab	88.00, -84.25, 81.03
CIE LCh	88, 116.895, 136.115
Yxy	72.0653, 0.3015, 0.5923
Android (android.graphics.Color)	4280549145 (0xFF23FF19)
YUV	163.0000, -68.0340, -112.2560
Hunter-Lab	84.8913, -71.4338, 50.4010

Details

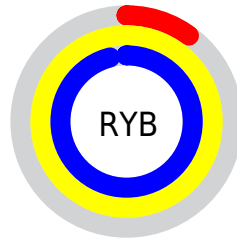
The CIELCh color **88, 116.895, 136.115** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **59, 113.565, 326.703**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 88.784, 135.590**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.597, 135.906**, and if you desaturate by 10%, it is **88, 110.999, 136.640**.

Distribution



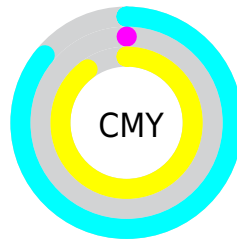
- Red (14%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (96%)



- Cyan (86%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)





- Cyan (86%)
- Magenta (0%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 116.895, 136.115 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, 116.895, 136.115 by changing the saturation by 10% instead.


 88, 116.895,
136.115


 88, 116.895,
136.115


 100, 116.895,
136.115


 78, 116.895,
136.115


 68, 116.895,
136.115

 58, 116.895,
136.115

 48, 116.895,
136.115

 38, 116.895,
136.115

 28, 116.895,
136.115

 18, 116.895,

136.115

■ 8, 116.895,
136.115

■ 0, 116.895,
136.115

■ 88, 116.895,
136.115

■ 88, 116.895,
136.115

■ 88, 119.597,
135.906

■ 88, 110.999,
136.640

■ 89, 102.076,
137.473

■ 90, 90.620,
138.471

■ 91, 77.299,
139.505

■ 92, 62.712,
140.487

■ 94, 47.350,
141.374

■ 96, 31.601,
142.152

■ 98, 15.759,
142.827

100, 0.042,
150.504

Harmonies

Complementary

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



88, 116.895, 136.115



59, 113.565, 326.703

Rectangle

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



88, 116.895, 136.115



88, 116.895, 186.115



88, 116.895, 316.115



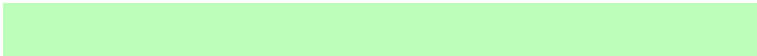
88, 116.895, 6.115

Sweetspot

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



88, 116.820, 136.116



94, 42.598, 141.621



94, 91.377, 99.966



50, 28.680, 141.342



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, 116.820, 136.116



88, 119.597, 135.906



89, 88.856, 148.530



52, 8.926, 142.861



68, 96.265, 135.858



22, 43.498, 136.228

Inverse Universe

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



59, 113.565, 326.703



59, 115.801, 326.638



56, 84.717, 354.614



50, 8.946, 323.857



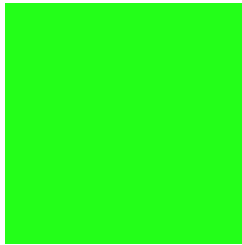
44, 93.267, 326.665



12, 42.895, 326.852

Previews

White Background



This preview shows how the CIE LCh color 88, 116.895, 136.115 looks on a white background.

Color Contrast Check

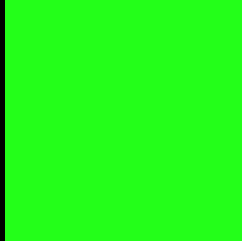
Large Text (above 18pt) WCAG AA × Fail

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, 116.895, 136.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

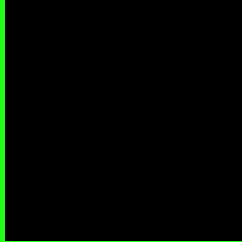
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 116.895, 136.115

Background



This preview shows how black text looks on a background with the CIELCh color 88, 116.895, 136.115.



This preview shows how white text looks on a background with the CIELCh color 88, 116.895, 136.115.

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

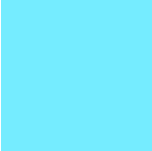
88, 116.848, 136.086

Protanopia

87, 87.243, 95.106

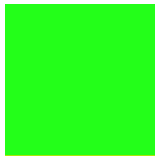
Deuteranopia

87, 39.060, 79.611



Tritanopia
87, 34.426, 214.346

Trichromacy



Original Color

88, 116.848, 136.086



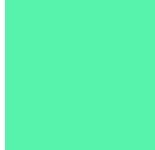
Protanomaly

85, 93.774, 118.836



Deuteranomaly

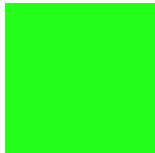
84, 65.710, 123.461



Tritanomaly

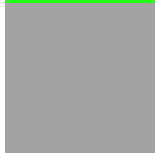
87, 61.211, 158.494

Monochromacy



Original Color

88, 116.848, 136.086



Achromatopsia

67, 0.008, 296.813



Achromatomaly

72, 53.542, 140.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 116.895, 136.115 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(35, 255, 25)` looks like.

```
.text, #text, p{  
    color:rgb(35, 255, 25)  
}
```

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(35, 255, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 255, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 116.895, 136.115 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(35, 255, 25) }
```

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

```
.border{ border-color:rgb(35, 255, 25) }
```

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

Here you see how a box with a 4 pixel rgb(35, 255, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 255, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 255, 25);  
box-shadow:4px 4px 4px 4px rgb(35, 255,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 116.895, 136.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 255, 25) }
```

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

```
.background{ background-color: rgb(35, 255,  
25) }
```

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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