

Converting Colors

CIELCh(88, 116.726, 136.155)

Have a look what the booklet for
CIELCh(88, 116.726, 136.155)
contains.

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Color

CIELCh(88, 116.606, 136.170)

Conversions

Conversions Part 1

Format	Color
Hex	23FF1B
RGB	35, 255, 27
RGB Percent	14%, 100%, 11%
CMY	0.8610, 0.0000, 0.8929
CMYK	0.86, 0.00, 0.89, 0.00
HSL	118°, 100%, 55%
HSV	118°, 89%, 100%
XYZ	36.7192, 72.0653, 13.0301
YIQ	163.2280, -57.9320, -117.5480

Conversions

Conversions Part 2

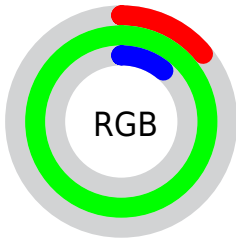
Format	Color
RYB	27, 255, 247
Decimal	2359067
CIELab	88.00, -84.12, 80.75
CIELCh	88, 116.606, 136.170
Yxy	72.0653, 0.3014, 0.5916
Android (android.graphics.Color)	4280549147 (0xFF23FF1B)
YUV	163.2280, -67.1604, -112.4560
Hunter-Lab	84.8913, -71.3507, 50.3233

Details

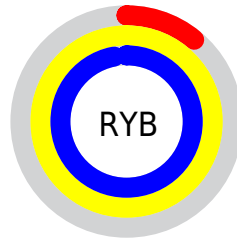
The CIELCh color **88, 116.606, 136.170** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **60, 113.287, 326.856**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 88.431, 135.734**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.470, 135.937**, and if you desaturate by 10%, it is **88, 110.503, 136.739**.

Distribution



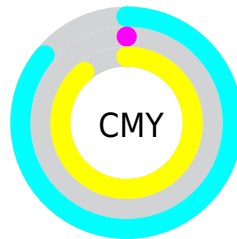
- Red (14%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (97%)



- Cyan (86%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)





- Cyan (86%)
- Magenta (0%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 116.606, 136.170 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, 116.606, 136.170 by changing the saturation by 10% instead.


 88, 116.606,
136.170


 88, 116.606,
136.170


 100, 116.606,
136.170


 78, 116.606,
136.170


 68, 116.606,
136.170

 58, 116.606,
136.170

 48, 116.606,
136.170

 38, 116.606,
136.170

 28, 116.606,
136.170

 18, 116.606,

136.170

■ 8, 116.606,
136.170

■ 0, 116.606,
136.170

■ 88, 116.606,
136.170

■ 88, 116.606,
136.170

■ 88, 119.470,
135.937

■ 88, 110.503,
136.739

■ 88, 119.616,
135.918

■ 89, 101.384,
137.604

■ 90, 89.772,
138.623

■ 91, 76.334,
139.666

■ 92, 61.663,
140.650

■ 94, 46.243,
141.536

■ 96, 30.457,
142.312

■ 98, 14.596,
142.985

100, 0.012,
296.813

Harmonies

Complementary

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



88, 116.606, 136.170



60, 113.287, 326.856

Rectangle

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



88, 116.606, 136.170



88, 116.606, 186.170



88, 116.606, 316.170



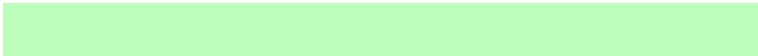
88, 116.606, 6.170

Sweetspot

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



88, 116.545, 136.171



94, 42.656, 141.723



94, 91.132, 100.004



50, 28.718, 141.442



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, 116.545, 136.171



88, 119.616, 135.918



89, 88.393, 148.695



52, 8.939, 142.971



68, 96.287, 135.875



22, 43.532, 136.285

Inverse Universe

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



60, 113.287, 326.856



59, 115.771, 326.804



56, 84.579, 354.375



50, 8.957, 323.972



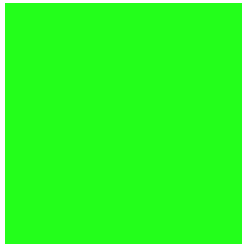
44, 93.243, 326.828



12, 42.886, 326.996

Previews

White Background



This preview shows how the CIE LCh color 88, 116.606, 136.170 looks on a white background.

Color Contrast Check

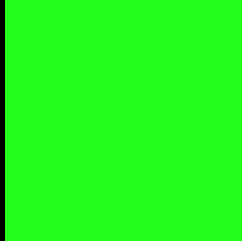
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 116.606, 136.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

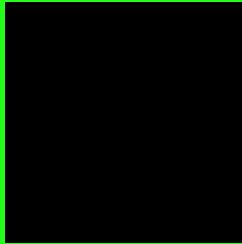
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 116.606, 136.170

Background



This preview shows how black text looks on a background with the CIELCh color 88, 116.606, 136.170.



This preview shows how white text looks on a background with the CIELCh color 88, 116.606, 136.170.

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, 116.606, 136.170

Protanopia

87, 86.411, 95.102

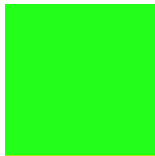
Deuteranopia

87, 39.060, 79.611



Tritanopia
87, 34.426, 214.346

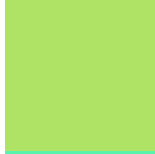
Trichromacy



Original Color
88, 116.606, 136.170



Protanomaly
85, 93.161, 118.982

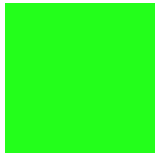


Deuteranomaly
84, 65.710, 123.461

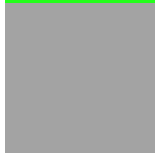


Tritanomaly
87, 61.211, 158.494

Monochromacy



Original Color
88, 116.606, 136.170



Achromatopsia
67, 0.008, 296.813



Achromatomaly
73, 52.919, 140.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 116.606, 136.170 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, 27)` looks like.

```
.text, #text, p{  
    color:rgb(35, 255, 27)  
}
```

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, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 255, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 116.606, 136.170 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, 27) }
```

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

```
.border{ border-color:rgb(35, 255, 27) }
```

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, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 255, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 255, 27);  
box-shadow:4px 4px 4px 4px rgb(35, 255,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 116.606, 136.170 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, 27) }
```

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

```
.background{ background-color: rgb(35, 255,  
27) }
```

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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