

Converting Colors

CIELCh(88, 118.625, 135.553)

Have a look what the booklet for
CIELCh(88, 118.625, 135.553)
contains.

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Color

CIELCh(88, 118.534, 135.551)

Conversions

Conversions Part 1

Format	Color
Hex	23FF06
RGB	35, 255, 6
RGB Percent	14%, 100%, 2%
CMY	0.8636, 0.0000, 0.9761
CMYK	0.86, 0.00, 0.98, 0.00
HSL	113°, 100%, 51%
HSV	113°, 98%, 100%
XYZ	36.5684, 72.0653, 12.1564
YIQ	160.8340, -51.1910, -124.0790

Conversions

Conversions Part 2

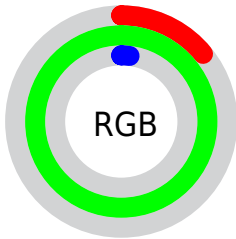
Format	Color
RYB	6, 255, 226
Decimal	2359046
CIELab	88.00, -84.62, 83.01
CIELCh	88, 118.534, 135.551
Yxy	72.0653, 0.3027, 0.5966
Android (android.graphics.Color)	4280549126 (0xFF23FF06)
YUV	160.8340, -76.3332, -110.3564
Hunter-Lab	84.8913, -71.6677, 50.9336

Details

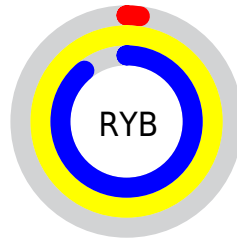
The CIELCh color **88, 118.534, 135.551** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **56, 116.066, 323.769**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 90.525, 134.894**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.043, 135.567**, and if you desaturate by 10%, it is **88, 114.602, 135.497**.

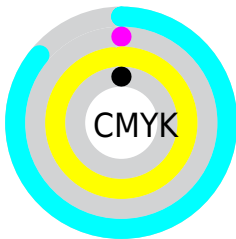
Distribution



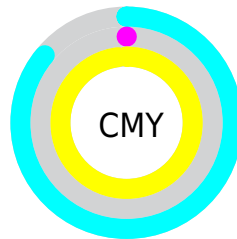
- Red (14%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (89%)



- Cyan (86%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)





- Cyan (86%)
- Magenta (0%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 118.534, 135.551 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, 118.534, 135.551 by changing the saturation by 10% instead.


 88, 118.534,
135.551


 88, 118.534,
135.551


 100, 118.534,
135.551


 78, 118.534,
135.551

 68, 118.534,
135.551

 58, 118.534,
135.551

 48, 118.534,
135.551

 38, 118.534,
135.551

 28, 118.534,
135.551

 18, 118.534,

135.551

■ 8, 118.534,
135.551

■ 0, 118.534,
135.551

■ 88, 118.534,
135.551

■ 88, 118.534,
135.551

■ 88, 119.043,
135.567

■ 88, 114.602,
135.497

■ 89, 107.644,
135.818

■ 89, 97.839,
136.445

■ 90, 85.827,
137.242

■ 91, 72.258,
138.089

■ 93, 57.679,
138.909

■ 94, 42.516,
139.661

■ 96, 27.093,
140.329

■ 98, 11.650,
140.920

Harmonies

Complementary

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



88, 118.534, 135.551



56, 116.066, 323.769

Rectangle

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



88, 118.534, 135.551



88, 118.534, 185.551



88, 118.534, 315.551



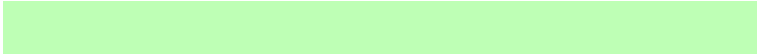
88, 118.534, 5.551

Sweetspot

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



88, 118.430, 135.551



94, 44.643, 139.562



90, 88.919, 94.762



50, 30.591, 139.246



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, 118.430, 135.551



88, 119.043, 135.567



88, 99.046, 144.043



52, 8.712, 140.813



68, 95.750, 135.466



23, 42.902, 135.184

Inverse Universe

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



56, 116.066, 323.769



55, 116.551, 323.694



56, 87.727, 351.421



50, 8.745, 321.720



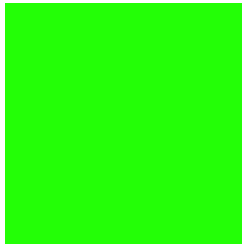
42, 93.855, 323.769



11, 43.118, 324.292

Previews

White Background



This preview shows how the CIELCh color 88, 118.534, 135.551 looks on a white background.

Color Contrast Check

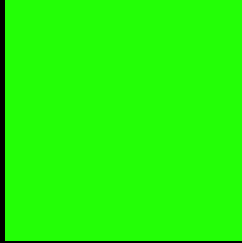
Large Text (above 18pt) WCAG AA × Fail

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, 118.534, 135.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

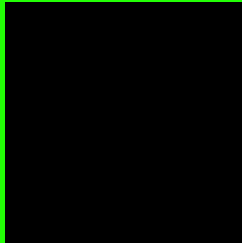
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

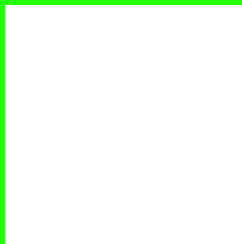
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 118.534, 135.551

Background



This preview shows how black text looks on a background with the CIELCh color 88, 118.534, 135.551.



This preview shows how white text looks on a background with the CIELCh color 88, 118.534, 135.551.

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, 118.426, 135.543

Protanopia

87, 87.243, 95.106

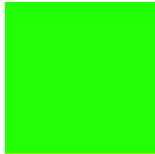
Deuteranopia

87, 39.060, 79.611



Tritanopia
87, 34.426, 214.346

Trichromacy



Original Color
88, 118.426, 135.543



Protanomaly
85, 94.313, 118.709

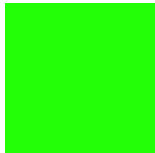


Deuteranomaly
84, 68.994, 122.381

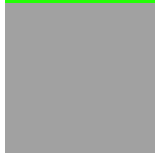


Tritanomaly
86, 64.178, 155.779

Monochromacy



Original Color
88, 118.426, 135.543



Achromatopsia
66, 0.008, 296.813



Achromatomaly
72, 56.571, 138.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 118.534, 135.551 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, 6)` looks like.

```
.text, #text, p{  
    color:rgb(35, 255, 6)  
}
```

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, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 255, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 118.534, 135.551 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, 6) }
```

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

```
.border{ border-color:rgb(35, 255, 6) }
```

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, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 255, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 255, 6);  
box-shadow:4px 4px 4px 4px rgb(35, 255, 6)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 118.534, 135.551 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, 6) }
```

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

```
.background{ background-color: rgb(35, 255,  
6) }
```

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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