

Converting Colors

CIELCh(88, 116.474, 134.806)

Have a look what the booklet for
CIELCh(88, 116.474, 134.806)
contains.

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Color

CIELCh(88, 116.321, 134.797)

Conversions

Conversions Part 1

Format	Color
Hex	3AFE0D
RGB	58, 254, 13
RGB Percent	23%, 100%, 5%
CMY	0.7736, 0.0023, 0.9475
CMYK	0.77, 0.00, 0.95, 0.00
HSL	109°, 100%, 53%
HSV	109°, 95%, 100%
XYZ	37.3764, 72.0653, 12.3329
YIQ	167.9220, -39.4550, -116.5030

Conversions

Conversions Part 2

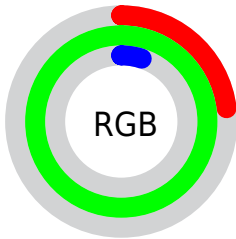
Format	Color
RYB	13, 254, 209
Decimal	3866125
CIELab	88.00, -81.96, 82.54
CIELCh	88, 116.321, 134.797
Yxy	72.0653, 0.3069, 0.5918
Android (android.graphics.Color)	4282056205 (0xFF3AFE0D)
YUV	167.9220, -76.3765, -96.4016
Hunter-Lab	84.8913, -69.9687, 50.8103

Details

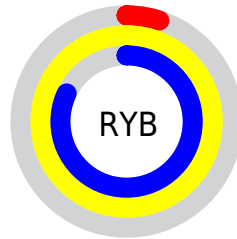
The CIELCh color **88, 116.321, 134.797** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **53, 116.107, 321.399**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 88.457, 133.372**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 117.938, 135.003**, and if you desaturate by 10%, it is **88, 111.313, 134.588**.

Distribution



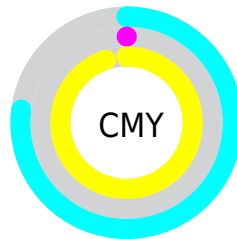
- Red (23%)
- Green (100%)
- Blue (5%)



- Red (5%)
- Yellow (100%)
- Blue (82%)



- Cyan (77%)
- Magenta (0%)
- Yellow (95%)
- Black (0%)



- Cyan (77%)
- Magenta (0%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 116.321, 134.797 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, 116.321, 134.797 by changing the saturation by 10% instead.

■ 88, 116.321,
134.797

■ 88, 116.321,
134.797

■ 100, 116.321,
134.797

■ 78, 116.321,
134.797

■ 68, 116.321,
134.797

■ 58, 116.321,
134.797

■ 48, 116.321,
134.797

■ 38, 116.321,
134.797

■ 28, 116.321,
134.797

■ 18, 116.321,

134.797

■ 8, 116.321,
134.797

■ 0, 116.321,
134.797

■ 88, 116.321,
134.797

■ 88, 116.321,
134.797

■ 88, 117.938,
135.003

■ 88, 111.313,
134.588

■ 89, 103.305,
134.778

■ 90, 92.756,
135.268

■ 91, 80.327,
135.924

■ 92, 66.624,
136.637

■ 93, 52.130,
137.338

■ 95, 37.207,
137.988

■ 97, 22.121,
138.573

■ 99, 7.068, 139.107

Harmonies

Complementary

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



88, 116.321, 134.797



53, 116.107, 321.399

Rectangle

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



88, 116.321, 134.797



88, 116.321, 184.797



88, 116.321, 314.797



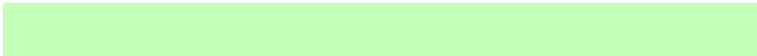
88, 116.321, 4.797

Sweetspot

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



88, 116.320, 134.798



95, 42.183, 137.782



85, 84.364, 88.366



50, 29.092, 137.500



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, 116.320, 134.798



88, 118.145, 135.004



88, 103.797, 141.741



52, 8.528, 138.855



68, 94.974, 134.856



23, 42.380, 134.216

Inverse Universe

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



53, 116.107, 321.399



53, 117.561, 321.141



57, 91.806, 344.264



50, 8.572, 319.699



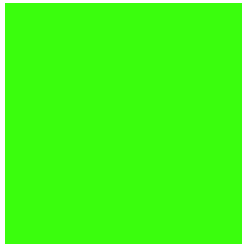
39, 94.646, 321.254



10, 43.413, 322.050

Previews

White Background



This preview shows how the CIELCh color 88, 116.321, 134.797 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, 116.321, 134.797 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, 116.321, 134.797

Background



This preview shows how black text looks on a background with the CIELCh color 88, 116.321, 134.797.



This preview shows how white text looks on a background with the CIELCh color 88, 116.321, 134.797.

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, 116.173, 134.770

Protanopia

87, 87.243, 95.106

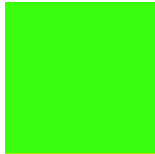
Deuteranopia

87, 38.818, 80.166



Tritanopia
88, 33.655, 214.789

Trichromacy



Original Color
88, 116.173, 134.770



Protanomaly
86, 93.048, 116.734

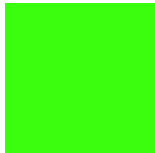


Deuteranomaly
85, 66.384, 120.420

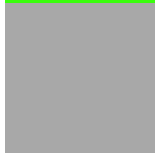


Tritanomaly
87, 61.354, 155.643

Monochromacy



Original Color
88, 116.173, 134.770



Achromatopsia
69, 0.009, 296.813



Achromatomaly
74, 53.428, 136.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 116.321, 134.797 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(58, 254, 13)` looks like.

```
.text, #text, p{  
    color:rgb(58, 254, 13)  
}
```

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(58, 254, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 254, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 116.321, 134.797 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(58, 254, 13) }
```

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

```
.border{ border-color:rgb(58, 254, 13) }
```

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

Here you see how a box with a 4 pixel rgb(58, 254, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 254, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 254, 13);  
box-shadow:4px 4px 4px 4px rgb(58, 254,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 116.321, 134.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 254, 13) }
```

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

```
.background{ background-color: rgb(58, 254,  
13) }
```

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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