

Converting Colors

CIELCh(88, 118.932, 136.056)

Have a look what the booklet for
CIELCh(88, 118.932, 136.056)
contains.

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Color

CIELCh(88, 118.674, 136.056)

Conversions

Conversions Part 1

Format	Color
Hex	15FF0E
RGB	21, 255, 14
RGB Percent	8%, 100%, 5%
CMY	0.9191, 0.0000, 0.9457
CMYK	0.92, 0.00, 0.95, 0.00
HSL	118°, 100%, 53%
HSV	118°, 95%, 100%
XYZ	36.3189, 72.0653, 12.4049
YIQ	157.5600, -62.1030, -124.5590

Conversions

Conversions Part 2

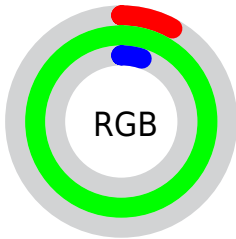
Format	Color
R_{YB}	14, 255, 248
Decimal	1441550
CIE _{Lab}	88.00, -85.45, 82.35
CIE _{LCh}	88, 118.674, 136.056
Yxy	72.0653, 0.3007, 0.5966
Android (android.graphics.Color)	4279631630 (0xFF15FF0E)
YUV	157.5600, -70.7751, -119.7631
Hunter-Lab	84.8913, -72.1924, 50.7600




Details

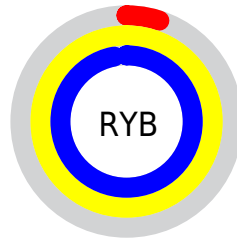
The CIELCh color **88, 118.674, 136.056** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **59, 114.754, 327.127**, and the grayscale version is **65, 0.008, 296.813**.



A 20% lighter version of the original color is **90, 90.796, 135.587**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.650, 135.938**, and if you desaturate by 10%, it is **88, 114.204, 136.458**.

Distribution







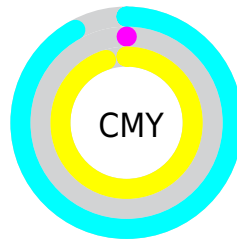
-  Red (8%)
-  Green (100%)
-  Blue (5%)






-  Red (5%)
-  Yellow (100%)
-  Blue (97%)



-  Cyan (92%)
-  Magenta (0%)
-  Yellow (95%)
-  Black (0%)





-  Cyan (92%)
-  Magenta (0%)
-  Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 118.674, 136.056 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, 118.674, 136.056 by changing the saturation by 10% instead.


 88, 118.674,
136.056


 88, 118.674,
136.056


 100, 118.674,
136.056


 78, 118.674,
136.056


 68, 118.674,
136.056

 58, 118.674,
136.056

 48, 118.674,
136.056

 38, 118.674,
136.056

 28, 118.674,
136.056

 18, 118.674,

136.056

■ 8, 118.674,
136.056

■ 0, 118.674,
136.056

■ 88, 118.674,
136.056

■ 88, 118.674,
136.056

■ 88, 119.650,
135.938

■ 88, 114.204,
136.458

■ 89, 106.691,
137.212

■ 89, 96.335,
138.195

■ 90, 83.786,
139.260

■ 91, 69.687,
140.301

■ 93, 54.584,
141.256

■ 95, 38.916,
142.101

■ 97, 23.025,
142.834

■ 99, 7.169, 143.483

Harmonies

Complementary

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



88, 118.674, 136.056



59, 114.754, 327.127

Rectangle

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



88, 118.674, 136.056



88, 118.674, 186.056



88, 118.674, 316.056



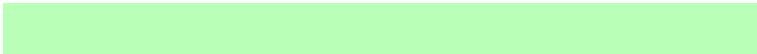
88, 118.674, 6.056

Sweetspot

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



88, 118.467, 136.057



94, 44.334, 141.824



95, 93.631, 100.842



49, 30.562, 141.457



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, 118.467, 136.057



88, 119.650, 135.938



89, 90.080, 148.276



52, 8.960, 143.168



68, 96.326, 135.904



22, 43.593, 136.389

Inverse Universe

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



59, 114.754, 327.127



59, 115.720, 327.103



56, 84.810, 357.627



50, 8.978, 324.180



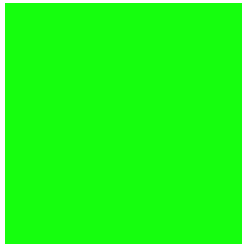
45, 93.204, 327.123



12, 42.870, 327.255

Previews

White Background



This preview shows how the CIE LCh color 88, 118.674, 136.056 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, 118.674, 136.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

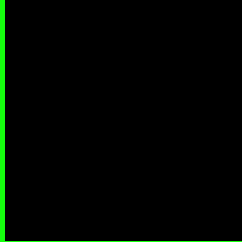
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

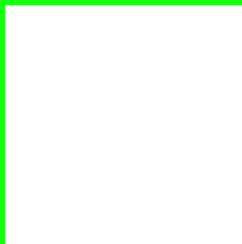
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 118.674, 136.056

Background



This preview shows how black text looks on a background with the CIELCh color 88, 118.674, 136.056.



This preview shows how white text looks on a background with the CIELCh color 88, 118.674, 136.056.

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, 118.445, 136.054

Protanopia

87, 87.019, 94.788

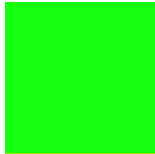
Deuteranopia

87, 39.522, 79.882



Tritanopia
87, 34.988, 214.035

Trichromacy



Original Color

88, 118.445, 136.054



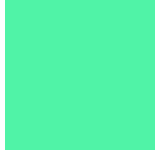
Protanomaly

85, 94.296, 119.692



Deuteranomaly

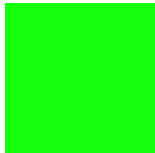
84, 68.444, 124.250



Tritanomaly

86, 64.046, 157.384

Monochromacy



Original Color

88, 118.445, 136.054



Achromatopsia

65, 0.008, 296.813



Achromatomaly

71, 56.931, 140.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 118.674, 136.056 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(21, 255, 14)` looks like.

```
.text, #text, p{  
    color:rgb(21, 255, 14)  
}
```

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(21, 255, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 255, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 118.674, 136.056 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(21, 255, 14) }
```

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

```
.border{ border-color:rgb(21, 255, 14) }
```

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

Here you see how a box with a 4 pixel rgb(21, 255, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 255, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 255, 14);  
box-shadow:4px 4px 4px 4px rgb(21, 255,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 118.674, 136.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 255, 14) }
```

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

```
.background{ background-color: rgb(21, 255,  
14) }
```

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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