

Converting Colors

CIELCh(88, 109.408, 139.442)

Have a look what the booklet for
CIELCh(88, 109.408, 139.442)
contains.

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Color

CIELCh(88, 109.327, 139.470)

Conversions

Conversions Part 1

Format	Color
Hex	12FF43
RGB	18, 255, 67
RGB Percent	7%, 100%, 26%
CMY	0.9291, 0.0000, 0.7372
CMYK	0.93, 0.00, 0.74, 0.00
HSL	132°, 100%, 54%
HSV	132°, 93%, 100%
XYZ	37.0297, 72.0653, 17.2715
YIQ	162.7050, -80.9040, -108.7120

Conversions

Conversions Part 2

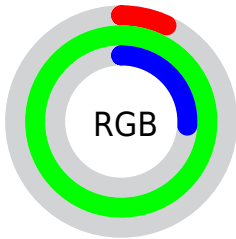
Format	Color
RYB	18, 214, 255
Decimal	1244995
CIELab	88.00, -83.10, 71.05
CIELCh	88, 109.327, 139.470
Yxy	72.0653, 0.2930, 0.5703
Android (android.graphics.Color)	4279435075 (0xFF12FF43)
YUV	162.7050, -47.1826, -126.9063
Hunter-Lab	84.8913, -70.6978, 47.3611

Details

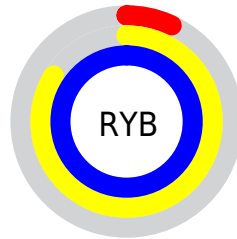
The CIELCh color **88, 109.327, 139.470** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **58, 97.902, 337.984**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 79.748, 140.944**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 113.160, 138.375**, and if you desaturate by 10%, it is **88, 102.303, 141.157**.

Distribution



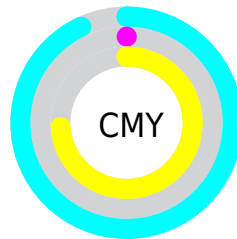
- Red (7%)
- Green (100%)
- Blue (26%)



- Red (7%)
- Yellow (84%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)





- Cyan (93%)
- Magenta (0%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 109.327, 139.470 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, 109.327, 139.470 by changing the saturation by 10% instead.


 88, 109.327,
139.470


 88, 109.327,
139.470


 100, 109.327,
139.470


 78, 109.327,
139.470


 68, 109.327,
139.470

 58, 109.327,
139.470

 48, 109.327,
139.470

 38, 109.327,
139.470

 28, 109.327,
139.470

 18, 109.327,

139.470

■ 8, 109.327,
139.470

■ 0, 109.327,
139.470

■ 88, 109.327,
139.470

■ 88, 109.327,
139.470

■ 88, 113.160,
138.375

■ 88, 102.303,
141.157

■ 89, 93.475,
142.831

■ 90, 83.072,
144.400

■ 91, 71.381,
145.818

■ 92, 58.714,
147.068

■ 93, 45.379,
148.154

■ 95, 31.659,
149.093

■ 97, 17.796,
149.906

■ 99, 3.984, 150.671

Harmonies

Complementary

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



88, 109.327, 139.470



58, 97.902, 337.984

Rectangle

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



88, 109.327, 139.470



88, 109.327, 189.470



88, 109.327, 319.470



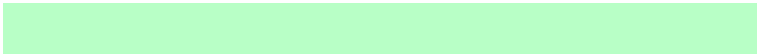
88, 109.327, 9.470

Sweetspot

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



88, 109.318, 139.471



94, 38.669, 148.633



94, 97.867, 114.367



49, 26.659, 148.214



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, 109.318, 139.471



88, 113.160, 138.375



89, 68.826, 162.943



52, 7.820, 150.161



68, 90.518, 138.665



23, 39.286, 141.155

Inverse Universe

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



58, 97.902, 337.984



58, 98.181, 338.816



54, 85.234, 18.379



50, 7.846, 331.333



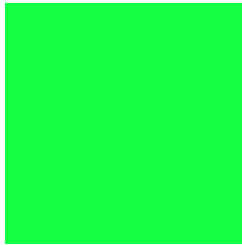
43, 79.289, 338.593



11, 37.160, 337.093

Previews

White Background



This preview shows how the CIE LCh color 88, 109.327, 139.470 looks on a white background.

Color Contrast Check

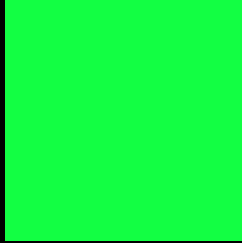
Large Text (above 18pt) WCAG AA × Fail

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, 109.327, 139.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

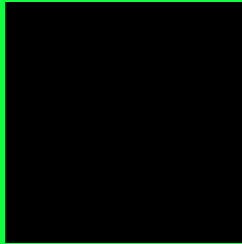
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 109.327, 139.470

Background



This preview shows how black text looks on a background with the CIELCh color 88, 109.327, 139.470.

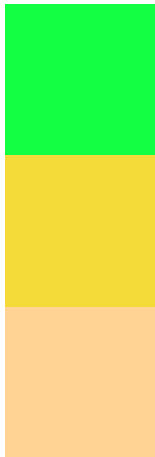


This preview shows how white text looks on a background with the CIELCh color 88, 109.327, 139.470.

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

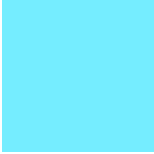
88, 109.327, 139.470

Protanopia

87, 76.740, 95.293

Deuteranopia

87, 37.677, 78.750



Tritanopia
88, 34.591, 213.319

Trichromacy



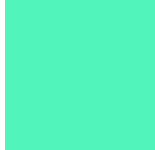
Original Color
88, 109.327, 139.470



Protanomaly
85, 84.855, 122.988



Deuteranomaly
84, 59.294, 128.147

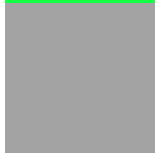


Tritanomaly
87, 57.253, 164.475

Monochromacy



Original Color
88, 109.327, 139.470



Achromatopsia
67, 0.008, 296.813



Achromatomaly
72, 48.374, 147.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 109.327, 139.470 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(18, 255, 67)` looks like.

```
.text, #text, p{  
    color:rgb(18, 255, 67)  
}
```

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(18, 255, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 255, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 109.327, 139.470 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(18, 255, 67) }
```

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

```
.border{ border-color:rgb(18, 255, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 255, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 255, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 255, 67);  
box-shadow:4px 4px 4px 4px rgb(18, 255,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 109.327, 139.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 255, 67) }
```

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

```
.background{ background-color: rgb(18, 255,  
67) }
```

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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