

Converting Colors

CIELCh(88, 110.490, 139.382)

Have a look what the booklet for
CIELCh(88, 110.490, 139.382)
contains.

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Color

CIELCh(88, 110.438, 139.368)

Conversions

Conversions Part 1

Format	Color
Hex	04FF40
RGB	4, 255, 64
RGB Percent	2%, 100%, 25%
CMY	0.9859, 0.0000, 0.7480
CMYK	0.99, 0.00, 0.75, 0.00
HSL	134°, 100%, 51%
HSV	134°, 99%, 100%
XYZ	36.8121, 72.0653, 16.8578
YIQ	158.1770, -88.2850, -112.6130

Conversions

Conversions Part 2

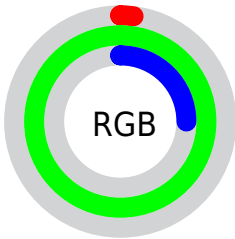
Format	Color
RYB	4, 207, 255
Decimal	327488
CIELab	88.00, -83.81, 71.92
CIELCh	88, 110.438, 139.368
Yxy	72.0653, 0.2928, 0.5732
Android (android.graphics.Color)	4278517568 (0xFF04FF40)
YUV	158.1770, -46.4293, -135.2132
Hunter-Lab	84.8913, -71.1552, 47.6500

Details

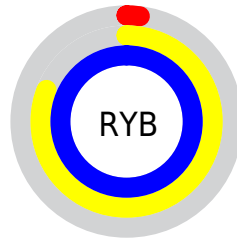
The CIELCh color **88, 110.438, 139.368** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **57, 95.702, 340.887**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 81.214, 140.650**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 111.097, 139.152**, and if you desaturate by 10%, it is **88, 104.188, 141.142**.

Distribution



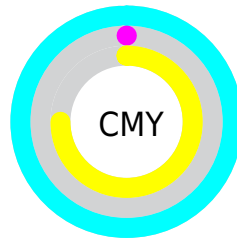
- Red (2%)
- Green (100%)
- Blue (25%)



- Red (2%)
- Yellow (81%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)





- Cyan (99%)
- Magenta (0%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 110.438, 139.368 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, 110.438, 139.368 by changing the saturation by 10% instead.


 88, 110.438,
139.368


 88, 110.438,
139.368


 100, 110.438,
139.368


 78, 110.438,
139.368


 68, 110.438,
139.368

 58, 110.438,
139.368

 48, 110.438,
139.368

 38, 110.438,
139.368

 28, 110.438,
139.368

 18, 110.438,

139.368

■ 8, 110.438,
139.368

■ 0, 110.438,
139.368

■ 88, 110.438,
139.368

■ 88, 110.438,
139.368

■ 88, 111.097,
139.152

■ 88, 104.188,
141.142

■ 89, 96.344,
142.935

■ 89, 86.931,
144.633

■ 90, 76.165,
146.179

■ 91, 64.310,
147.550

■ 93, 51.652,
148.747

■ 94, 38.471,
149.784

■ 96, 25.020,
150.681

■ 98, 11.511,
151.469

Harmonies

Complementary

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



88, 110.438, 139.368



57, 95.702, 340.887

Rectangle

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



88, 110.438, 139.368



88, 110.438, 189.368



88, 110.438, 319.368



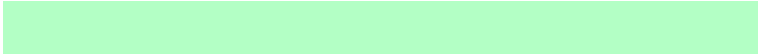
88, 110.438, 9.368

Sweetspot

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



88, 110.342, 139.375



94, 40.355, 149.646



93, 100.077, 116.617



49, 27.480, 149.219



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, 110.342, 139.375



88, 111.097, 139.152



89, 67.761, 164.457



52, 7.625, 151.399



68, 88.810, 139.472



23, 38.419, 142.129

Inverse Universe

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



57, 95.702, 340.887



57, 95.716, 341.095



54, 89.234, 24.519



50, 7.655, 332.603



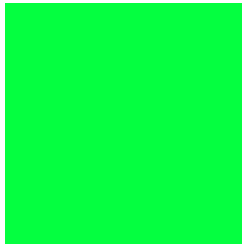
43, 77.323, 340.816



11, 36.325, 338.945

Previews

White Background



This preview shows how the CIELCh color 88, 110.438, 139.368 looks on a white background.

Color Contrast Check

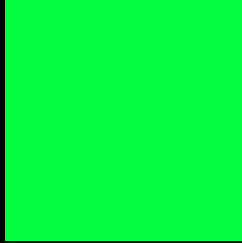
Large Text (above 18pt) WCAG AA × Fail

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, 110.438, 139.368 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, 110.438, 139.368

Background



This preview shows how black text looks on a background with the CIELCh color 88, 110.438, 139.368.

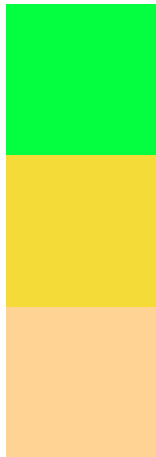


This preview shows how white text looks on a background with the CIELCh color 88, 110.438, 139.368.

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

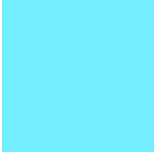
88, 110.401, 139.345

Protanopia

87, 77.658, 95.310

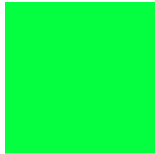
Deuteranopia

87, 38.137, 79.045



Tritanopia
88, 34.968, 213.121

Trichromacy



Original Color
88, 110.401, 139.345



Protanomaly
85, 86.423, 123.852



Deuteranomaly
84, 60.940, 129.315



Tritanomaly
87, 58.536, 164.556

Monochromacy



Original Color
88, 110.401, 139.345



Achromatopsia
65, 0.008, 296.813



Achromatomaly
71, 49.908, 147.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 110.438, 139.368 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(4, 255, 64)` looks like.

```
.text, #text, p{  
    color:rgb(4, 255, 64)  
}
```

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(4, 255, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 255, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 110.438, 139.368 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(4, 255, 64) }
```

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

```
.border{ border-color:rgb(4, 255, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 255, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 255, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 255, 64);  
box-shadow:4px 4px 4px 4px rgb(4, 255, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 110.438, 139.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 255, 64) }
```

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

```
.background{ background-color: rgb(4, 255,  
64) }
```

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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