

Converting Colors

CIELCh(88, 99.132, 142.864)

Have a look what the booklet for
CIELCh(88, 99.132, 142.864)
contains.

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Color

CIELCh(88, 99.181, 142.867)

Conversions

Conversions Part 1

Format	Color
Hex	23FE61
RGB	35, 254, 97
RGB Percent	14%, 100%, 38%
CMY	0.8633, 0.0041, 0.6198
CMYK	0.86, 0.00, 0.62, 0.00
HSL	137°, 99%, 57%
HSV	137°, 86%, 100%
XYZ	38.2676, 72.0653, 23.1898
YIQ	170.6210, -80.1270, -95.2550

Conversions

Conversions Part 2

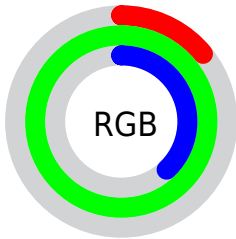
Format	Color
RYB	35, 206, 254
Decimal	2358881
CIELab	88.00, -79.07, 59.87
CIELCh	88, 99.181, 142.867
Yxy	72.0653, 0.2866, 0.5397
Android (android.graphics.Color)	4280548961 (0xFF23FE61)
YUV	170.6210, -36.2952, -118.9396
Hunter-Lab	84.8913, -68.0947, 43.2276

Details

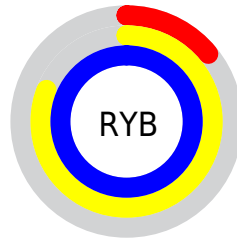
The CIELCh color **88, 99.181, 142.867** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **58, 91.446, 341.696**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 69.119, 146.256**, and **69, 92.609, 138.474** is the 20% darker color. If you saturate the color by 10%, you get **88, 105.788, 140.936**, and if you desaturate by 10%, it is **88, 91.085, 144.734**.

Distribution



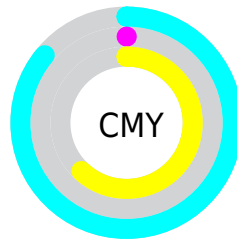
- Red (14%)
- Green (100%)
- Blue (38%)



- Red (14%)
- Yellow (81%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (86%)
- Magenta (0%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 99.181, 142.867 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, 99.181, 142.867 by changing the saturation by 10% instead.


 88, 99.181,
142.867

 88, 99.181,
142.867

 100, 99.181,
142.867


 78, 99.181,
142.867

 68, 99.181,
142.867

 58, 99.181,
142.867

 48, 99.181,
142.867

 38, 99.181,
142.867


 28, 99.181,
142.867


 18, 99.181,


142.867


 8, 99.181, 142.867


 0, 99.181, 142.867


 88, 99.181,
142.867


 88, 99.181,
142.867


 88, 105.788,
140.936

 88, 91.085,
144.734

 88, 107.916,
140.257


 89, 81.606,
146.456


 90, 70.929,
147.999

 91, 59.290,
149.355

 93, 46.947,

150.534

 94, 34.157,
151.557

 96, 21.148,
152.447

 98, 8.114, 153.244

100, 0.662,
323.997

Harmonies

Complementary

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



88, 99.181, 142.867



58, 91.446, 341.696

Rectangle

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



88, 99.181, 142.867



88, 99.181, 192.867



88, 99.181, 322.867



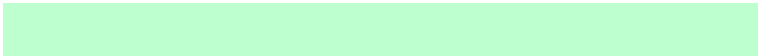
88, 99.181, 12.867

Sweetspot

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



88, 99.181, 142.867



95, 33.915, 151.583



93, 96.806, 118.096



50, 22.969, 151.246



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, 99.181, 142.867



88, 108.266, 140.252



90, 60.073, 171.399



52, 7.392, 152.991



68, 86.492, 140.604



23, 37.305, 143.431

Inverse Universe

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



58, 91.446, 341.696



57, 92.963, 344.084



55, 84.145, 21.972



50, 7.428, 334.238



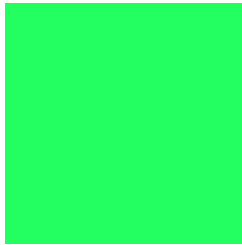
43, 75.119, 343.729



11, 35.370, 341.356

Previews

White Background



This preview shows how the CIELCh color 88, 99.181, 142.867 looks on a white background.

Color Contrast Check

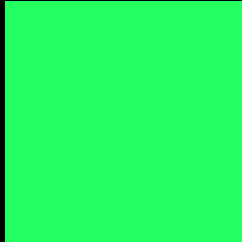
Large Text (above 18pt) WCAG AA × Fail

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, 99.181, 142.867 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, 99.181, 142.867

Background



This preview shows how black text looks on a background with the CIELCh color 88, 99.181, 142.867.

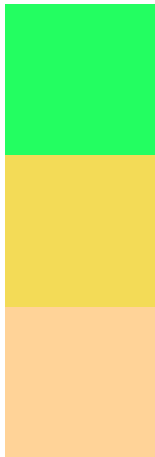


This preview shows how white text looks on a background with the CIELCh color 88, 99.181, 142.867.

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

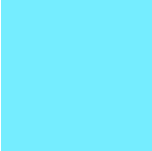
88, 99.181, 142.867

Protanopia

87, 66.031, 95.677

Deuteranopia

87, 35.843, 77.479



Tritanopia
88, 34.591, 213.319

Trichromacy



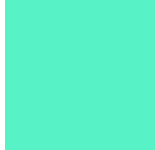
Original Color
88, 99.181, 142.867



Protanomaly
85, 73.809, 125.001

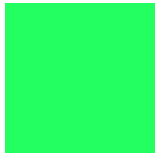


Deuteranomaly
85, 52.614, 128.758

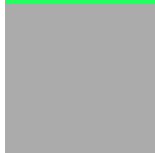


Tritanomaly
87, 52.243, 169.248

Monochromacy



Original Color
88, 99.181, 142.867



Achromatopsia
70, 0.009, 296.813



Achromatomaly
75, 42.372, 150.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 99.181, 142.867 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, 254, 97)` looks like.

```
.text, #text, p{  
    color:rgb(35, 254, 97)  
}
```

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, 254, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 254, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 99.181, 142.867 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, 254, 97) }
```

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

```
.border{ border-color:rgb(35, 254, 97) }
```

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

Here you see how a box with a 4 pixel rgb(35, 254, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 254, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 254, 97);  
box-shadow:4px 4px 4px 4px rgb(35, 254,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 99.181, 142.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 254, 97) }
```

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

```
.background{ background-color: rgb(35, 254,  
97) }
```

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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