

Converting Colors

CIELCh(88, 113.835, 137.514)

Have a look what the booklet for
CIELCh(88, 113.835, 137.514)
contains.

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Color

CIELCh(88, 113.695, 137.539)

Conversions

Conversions Part 1

Format	Color
Hex	1CFF2F
RGB	28, 255, 47
RGB Percent	11%, 100%, 18%
CMY	0.8920, 0.0000, 0.8149
CMYK	0.89, 0.00, 0.81, 0.00
HSL	125°, 100%, 55%
HSV	125°, 89%, 100%
XYZ	36.7925, 72.0653, 14.6810
YIQ	163.4150, -68.5240, -112.8120

Conversions

Conversions Part 2

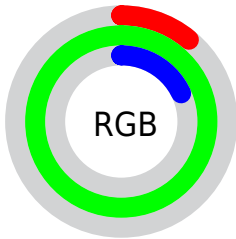
Format	Color
RYB	28, 237, 255
Decimal	1900335
CIELab	88.00, -83.88, 76.75
CIELCh	88, 113.695, 137.539
Yxy	72.0653, 0.2978, 0.5833
Android (android.graphics.Color)	4280090415 (0xFF1CFF2F)
YUV	163.4150, -57.3926, -118.7590
Hunter-Lab	84.8913, -71.1965, 49.1703

Details

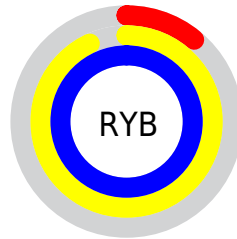
The CIELCh color **88, 113.695, 137.539** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **60, 106.186, 331.631**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 84.920, 137.857**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 117.922, 136.623**, and if you desaturate by 10%, it is **88, 106.629, 138.749**.

Distribution



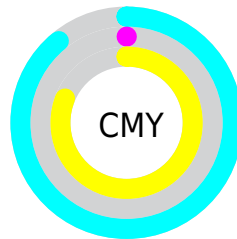
- Red (11%)
- Green (100%)
- Blue (18%)



- Red (11%)
- Yellow (93%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)





- Cyan (89%)
- Magenta (0%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 113.695, 137.539 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, 113.695, 137.539 by changing the saturation by 10% instead.


 88, 113.695,
137.539


 88, 113.695,
137.539


 100, 113.695,
137.539


 78, 113.695,
137.539


 68, 113.695,
137.539

 58, 113.695,
137.539

 48, 113.695,
137.539

 38, 113.695,
137.539

 28, 113.695,
137.539

 18, 113.695,

137.539

■ 8, 113.695,
137.539

■ 0, 113.695,
137.539

■ 88, 113.695,
137.539

■ 88, 113.695,
137.539

■ 88, 117.922,
136.623

■ 88, 106.629,
138.749

■ 88, 118.162,
136.575

■ 89, 97.167,
140.082

■ 90, 85.704,
141.413

■ 91, 72.723,
142.659

■ 92, 58.674,
143.776

■ 94, 43.955,
144.754

■ 96, 28.903,
145.597

■ 98, 13.783,
146.325

100, 0.012,
296.813

Harmonies

Complementary

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



88, 113.695, 137.539



60, 106.186, 331.631

Rectangle

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



88, 113.695, 137.539



88, 113.695, 187.539



88, 113.695, 317.539



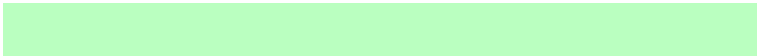
88, 113.695, 7.539

Sweetspot

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



88, 113.633, 137.542



94, 40.664, 144.950



96, 94.835, 107.798



50, 27.378, 144.642



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, 113.633, 137.542



88, 118.162, 136.575



89, 77.066, 155.736



52, 8.521, 146.304



68, 94.811, 136.732



22, 41.933, 138.451

Inverse Universe

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



60, 106.186, 331.631



59, 107.843, 332.085



56, 82.172, 5.902



50, 8.537, 327.391



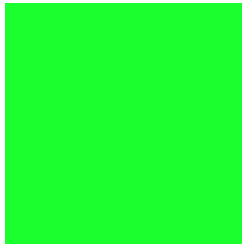
45, 86.964, 332.013



12, 40.336, 331.520

Previews

White Background



This preview shows how the CIELCh color 88, 113.695, 137.539 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, 113.695, 137.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

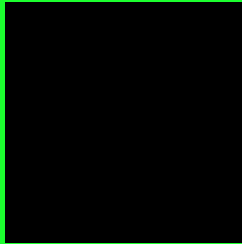
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 113.695, 137.539

Background



This preview shows how black text looks on a background with the CIELCh color 88, 113.695, 137.539.

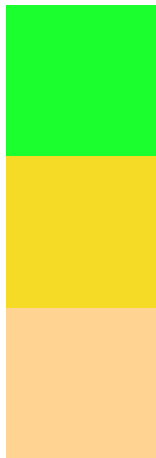


This preview shows how white text looks on a background with the CIELCh color 88, 113.695, 137.539.

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, 113.657, 137.516

Protanopia

87, 82.174, 95.066

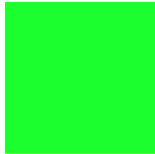
Deuteranopia

87, 38.598, 79.332



Tritanopia
88, 34.591, 213.319

Trichromacy



Original Color
88, 113.657, 137.516



Protanomaly
85, 89.389, 120.427

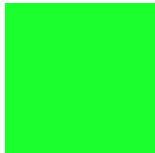


Deuteranomaly
84, 62.738, 125.614



Tritanomaly
87, 59.626, 161.083

Monochromacy



Original Color
88, 113.657, 137.516



Achromatopsia
67, 0.008, 296.813



Achromatomaly
73, 50.517, 143.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 113.695, 137.539 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(28, 255, 47)` looks like.

```
.text, #text, p{  
    color:rgb(28, 255, 47)  
}
```

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(28, 255, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 255, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 113.695, 137.539 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(28, 255, 47) }
```

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

```
.border{ border-color:rgb(28, 255, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 255, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 255, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 255, 47);  
box-shadow:4px 4px 4px 4px rgb(28, 255,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 113.695, 137.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 255, 47) }
```

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

```
.background{ background-color: rgb(28, 255,  
47) }
```

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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