

Converting Colors

CIELCh(88, 115.804, 137.410)

Have a look what the booklet for
CIELCh(88, 115.804, 137.410)
contains.

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Color

CIELCh(88, 115.583, 137.419)

Conversions

Conversions Part 1

Format	Color
Hex	08FF29
RGB	8, 255, 41
RGB Percent	3%, 100%, 16%
CMY	0.9696, 0.0000, 0.8401
CMYK	0.97, 0.00, 0.84, 0.00
HSL	128°, 100%, 52%
HSV	128°, 97%, 100%
XYZ	36.4214, 72.0653, 14.0658
YIQ	156.7510, -78.5180, -118.9180

Conversions

Conversions Part 2

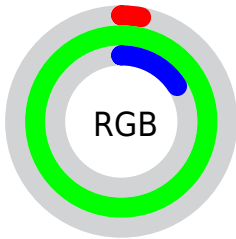
Format	Color
RYB	8, 226, 255
Decimal	589609
CIELab	88.00, -85.11, 78.21
CIELCh	88, 115.583, 137.419
Yxy	72.0653, 0.2972, 0.5880
Android (android.graphics.Color)	4278779689 (0xFF08FF29)
YUV	156.7510, -57.0652, -130.4546
Hunter-Lab	84.8913, -71.9768, 49.6000

Details

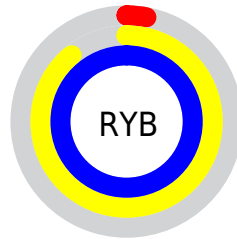
The CIELCh color **88, 115.583, 137.419** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **59, 103.689, 334.309**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 87.010, 137.764**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 116.622, 137.117**, and if you desaturate by 10%, it is **88, 109.834, 138.716**.

Distribution



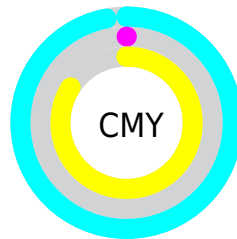
- Red (3%)
- Green (100%)
- Blue (16%)



- Red (3%)
- Yellow (89%)
- Blue (100%)



- Cyan (97%)
- Magenta (0%)
- Yellow (84%)
- Black (0%)





- Cyan (97%)
- Magenta (0%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 115.583, 137.419 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, 115.583, 137.419 by changing the saturation by 10% instead.


 88, 115.583,
137.419


 88, 115.583,
137.419


 100, 115.583,
137.419


 78, 115.583,
137.419


 68, 115.583,
137.419

 58, 115.583,
137.419

 48, 115.583,
137.419

 38, 115.583,
137.419

 28, 115.583,
137.419

 18, 115.583,

137.419

■ 8, 115.583,
137.419

■ 0, 115.583,
137.419

■ 88, 115.583,
137.419

■ 88, 115.583,
137.419

■ 88, 116.622,
137.117

■ 88, 109.834,
138.716

■ 88, 101.926,
140.164

■ 89, 91.960,
141.632

■ 90, 80.322,
143.023

■ 91, 67.413,
144.284

■ 93, 53.614,
145.396

■ 94, 39.272,
146.360

■ 96, 24.679,
147.191

■ 98, 10.070,
147.918

Harmonies

Complementary

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



88, 115.583, 137.419



59, 103.689, 334.309

Rectangle

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



88, 115.583, 137.419



88, 115.583, 187.419



88, 115.583, 317.419



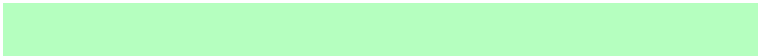
88, 115.583, 7.419

Sweetspot

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



88, 115.380, 137.426



94, 42.227, 146.175



95, 97.549, 110.919



49, 28.930, 145.769



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, 115.380, 137.426



88, 116.622, 137.117



89, 76.150, 157.155



52, 8.242, 147.739



68, 93.451, 137.330



23, 40.921, 139.430

Inverse Universe

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



59, 103.689, 334.309



58, 103.881, 334.516



54, 84.857, 14.447



50, 8.261, 328.854



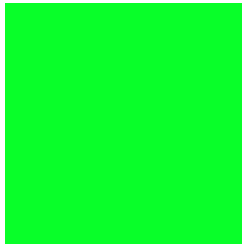
44, 83.821, 334.392



12, 39.047, 333.553

Previews

White Background



This preview shows how the CIE LCh color 88, 115.583, 137.419 looks on a white background.

Color Contrast Check

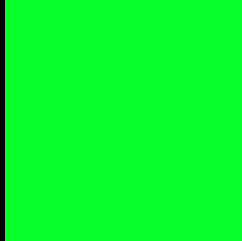
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 115.583, 137.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

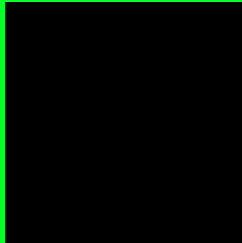
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

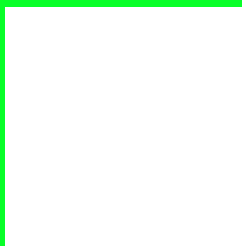
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 115.583, 137.419

Background



This preview shows how black text looks on a background with the CIELCh color 88, 115.583, 137.419.

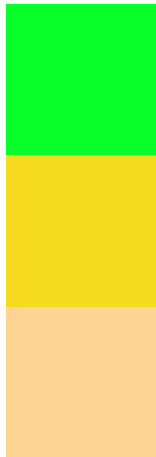


This preview shows how white text looks on a background with the CIELCh color 88, 115.583, 137.419.

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, 115.335, 137.438

Protanopia

87, 83.543, 94.753

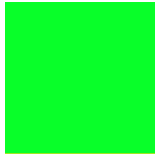
Deuteranopia

87, 39.060, 79.611



Tritanopia
88, 35.154, 213.025

Trichromacy



Original Color
88, 115.335, 137.438



Protanomaly
84, 91.414, 121.669

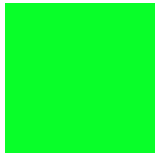


Deuteranomaly
84, 65.035, 127.231



Tritanomaly
87, 61.566, 161.033

Monochromacy



Original Color
88, 115.335, 137.438



Achromatopsia
65, 0.008, 296.813



Achromatomaly
71, 53.478, 144.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 115.583, 137.419 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(8, 255, 41)` looks like.

```
.text, #text, p{  
    color:rgb(8, 255, 41)  
}
```

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(8, 255, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 255, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 115.583, 137.419 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(8, 255, 41) }
```

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

```
.border{ border-color:rgb(8, 255, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 255, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 255, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 255, 41);  
box-shadow:4px 4px 4px 4px rgb(8, 255, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 115.583, 137.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 255, 41) }
```

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

```
.background{ background-color: rgb(8, 255,  
41) }
```

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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