

Converting Colors

CIELCh(88, 111.175, 136.773)

Have a look what the booklet for
CIELCh(88, 111.175, 136.773)
contains.

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Color

CIELCh(88, 111.105, 136.779)

Conversions

Conversions Part 1

Format	Color
Hex	37FE32
RGB	55, 254, 50
RGB Percent	22%, 100%, 20%
CMY	0.7829, 0.0031, 0.8029
CMYK	0.78, 0.00, 0.80, 0.00
HSL	118°, 99%, 60%
HSV	118°, 80%, 100%
XYZ	37.6819, 72.0653, 14.9697
YIQ	171.2430, -53.1200, -105.6320

Conversions

Conversions Part 2

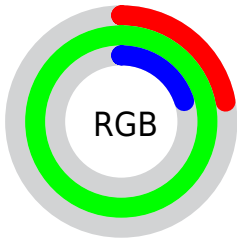
Format	Color
R _Y B	50, 254, 249
Decimal	3669554
CIE Lab	88.00, -80.96, 76.09
CIE LCh	88, 111.105, 136.779
Yxy	72.0653, 0.3021, 0.5778
Android (android.graphics.Color)	4281859634 (0xFF37FE32)
YUV	171.2430, -59.7728, -101.9451
Hunter-Lab	84.8913, -69.3264, 48.9687

Details

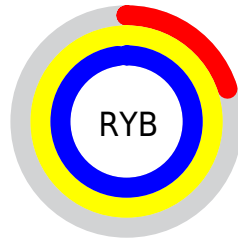
The CIELCh color **88, 111.105, 136.779** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **61, 108.525, 327.169**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 82.399, 136.532**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 116.768, 136.203**, and if you desaturate by 10%, it is **89, 102.317, 137.663**.

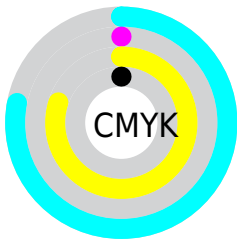
Distribution



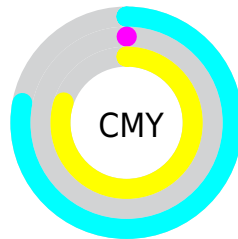
- Red (22%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (98%)



- Cyan (78%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (78%)
- Magenta (0%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 111.105, 136.779 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, 111.105, 136.779 by changing the saturation by 10% instead.


 88, 111.105,
136.779


 88, 111.105,
136.779


 100, 111.105,
136.779


 78, 111.105,
136.779

 68, 111.105,
136.779

 58, 111.105,
136.779

 48, 111.105,
136.779

 38, 111.105,
136.779

 28, 111.105,
136.779

 18, 111.105,

136.779

■ 8, 111.105,
136.779

■ 0, 111.105,
136.779

■ 88, 111.105,
136.779

■ 88, 111.105,
136.779

■ 88, 116.768,
136.203

■ 89, 102.317,
137.663

■ 88, 119.380,
135.946

■ 89, 90.959,
138.708

■ 90, 77.695,
139.781

■ 92, 63.129,
140.796

■ 93, 47.760,
141.710

■ 95, 31.984,
142.509

■ 97, 16.105,
143.201

■ 100, 0.348,
144.630

■ 100, 0.504,
323.845

Harmonies

Complementary

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



88, 111.105, 136.779



61, 108.525, 327.169

Rectangle

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



88, 111.105, 136.779



88, 111.105, 186.779



88, 111.105, 316.779



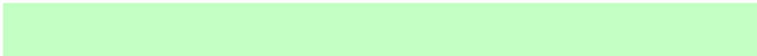
88, 111.105, 6.779

Sweetspot

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



88, 111.105, 136.780



95, 38.055, 142.221



95, 87.726, 101.496



50, 26.134, 141.934



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, 111.105, 136.780



88, 118.834, 136.042



89, 80.835, 151.411



52, 8.969, 143.248



68, 96.342, 135.917



22, 43.618, 136.431

Inverse Universe

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



61, 108.525, 327.169



59, 115.013, 327.240



58, 80.980, 353.022



50, 8.987, 324.264



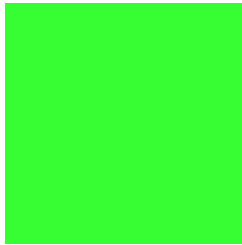
45, 93.188, 327.243



12, 42.864, 327.361

Previews

White Background



This preview shows how the CIELCh color 88, 111.105, 136.779 looks on a white background.

Color Contrast Check

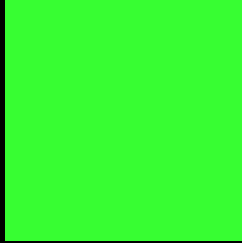
Large Text (above 18pt) WCAG AA × Fail

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, 111.105, 136.779 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, 111.105, 136.779

Background



This preview shows how black text looks on a background with the CIELCh color 88, 111.105, 136.779.

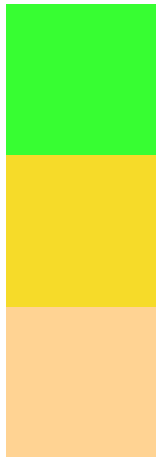


This preview shows how white text looks on a background with the CIELCh color 88, 111.105, 136.779.

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, 111.105, 136.779

Protanopia

87, 81.488, 95.058

Deuteranopia

87, 38.137, 79.045



Tritanopia
88, 33.850, 214.675

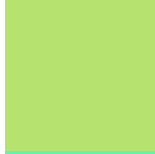
Trichromacy



Original Color
88, 111.105, 136.779



Protanomaly
86, 87.509, 118.249

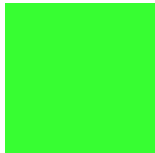


Deuteranomaly
85, 60.535, 122.660



Tritanomaly
87, 56.551, 161.012

Monochromacy



Original Color
88, 111.105, 136.779



Achromatopsia
70, 0.009, 296.813



Achromatomaly
75, 47.844, 141.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 111.105, 136.779 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(55, 254, 50)` looks like.

```
.text, #text, p{  
    color:rgb(55, 254, 50)  
}
```

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(55, 254, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 254, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 111.105, 136.779 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(55, 254, 50) }
```

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

```
.border{ border-color:rgb(55, 254, 50) }
```

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

Here you see how a box with a 4 pixel rgb(55, 254, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 254, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 254, 50);  
box-shadow:4px 4px 4px 4px rgb(55, 254,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 111.105, 136.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 254, 50) }
```

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

```
.background{ background-color: rgb(55, 254,  
50) }
```

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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