

Converting Colors

CIELCh(88, 106.879, 135.225)

Have a look what the booklet for
CIELCh(88, 106.879, 135.225)
contains.

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Color

CIELCh(88, 106.656, 135.216)

Conversions

Conversions Part 1

Format	Color
Hex	55FC37
RGB	85, 252, 55
RGB Percent	33%, 99%, 22%
CMY	0.6684, 0.0101, 0.7863
CMYK	0.67, 0.00, 0.78, 0.01
HSL	111°, 97%, 60%
HSV	111°, 78%, 99%
XYZ	39.3250, 72.0653, 15.3886
YIQ	179.6090, -36.2950, -96.6710

Conversions

Conversions Part 2

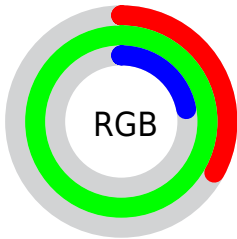
Format	Color
RYB	55, 252, 222
Decimal	5635127
CIELab	88.00, -75.70, 75.13
CIELCh	88, 106.656, 135.216
Yxy	72.0653, 0.3102, 0.5684
Android (android.graphics.Color)	4283825207 (0xFF55FC37)
YUV	179.6090, -61.4322, -82.9721
Hunter-Lab	84.8913, -65.8714, 48.6762

Details

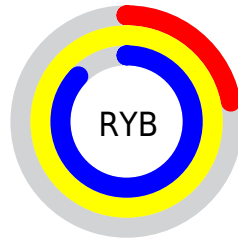
The CIELCh color **88, 106.656, 135.216** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **57, 106.765, 322.905**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 77.712, 133.824**, and **68, 97.507, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 113.462, 135.056**, and if you desaturate by 10%, it is **89, 97.058, 135.709**.

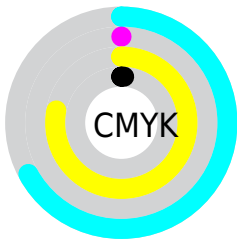
Distribution



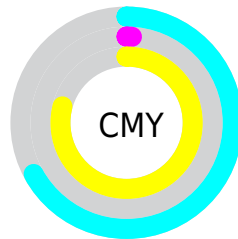
- Red (33%)
- Green (99%)
- Blue (22%)



- Red (22%)
- Yellow (99%)
- Blue (87%)



- Cyan (67%)
- Magenta (0%)
- Yellow (78%)
- Black (1%)





- Cyan (67%)
- Magenta (1%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 106.656, 135.216 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, 106.656, 135.216 by changing the saturation by 10% instead.


 88, 106.656,
135.216


 88, 106.656,
135.216


 100, 106.656,
135.216


 78, 106.656,
135.216

 68, 106.656,
135.216

 58, 106.656,
135.216

 48, 106.656,
135.216

 38, 106.656,
135.216

 28, 106.656,
135.216

 18, 106.656,

135.216

■ 8, 106.656,
135.216

■ 0, 106.656,
135.216

■ 88, 106.656,
135.216

■ 88, 106.656,
135.216

■ 88, 113.462,
135.056

■ 89, 97.058,
135.709

■ 87, 117.259,
135.266

■ 90, 85.292,
136.400

■ 87, 117.699,
135.297

■ 91, 72.002,
137.167

■ 92, 57.726,
137.928

■ 94, 42.878,
138.637

■ 95, 27.767,
139.276

■ 97, 12.624,
139.844

■ 99, 1.608, 324.306

Harmonies

Complementary

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



88, 106.656, 135.216



57, 106.765, 322.905

Rectangle

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



88, 106.656, 135.216



88, 106.656, 185.216



88, 106.656, 315.216



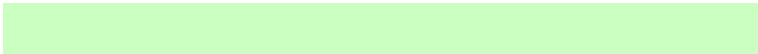
88, 106.656, 5.216

Sweetspot

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



88, 106.656, 135.217



95, 36.534, 138.927



88, 78.529, 93.142



50, 25.094, 138.693



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, 106.656, 135.217



88, 116.833, 135.141



88, 88.923, 146.131



51, 8.471, 139.785



67, 94.418, 135.167



22, 41.260, 134.872

Inverse Universe

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



57, 106.765, 322.905



55, 115.688, 322.566



59, 85.355, 343.510



49, 8.509, 320.654



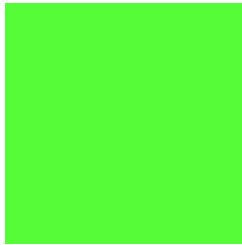
40, 93.307, 322.422



10, 42.121, 323.126

Previews

White Background



This preview shows how the CIELCh color 88, 106.656, 135.216 looks on a white background.

Color Contrast Check

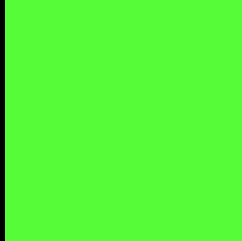
Large Text (above 18pt) WCAG AA × Fail

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, 106.656, 135.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

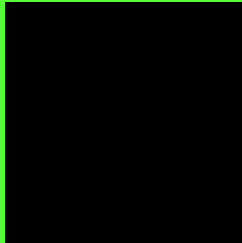
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 106.656, 135.216

Background



This preview shows how black text looks on a background with the CIELCh color 88, 106.656, 135.216.

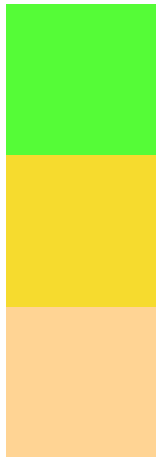


This preview shows how white text looks on a background with the CIELCh color 88, 106.656, 135.216.

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, 106.310, 135.217

Protanopia

87, 80.249, 95.040

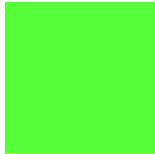
Deuteranopia

87, 37.892, 79.608



Tritanopia
88, 31.620, 216.066

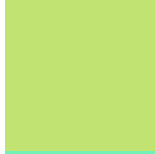
Trichromacy



Original Color
88, 106.310, 135.217



Protanomaly
86, 84.797, 115.824



Deuteranomaly
86, 58.405, 119.028

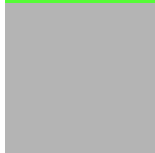


Tritanomaly
87, 52.476, 159.519

Monochromacy



Original Color
88, 106.310, 135.217



Achromatopsia
73, 0.009, 296.813



Achromatomaly
77, 44.632, 138.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 106.656, 135.216 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(85, 252, 55)` looks like.

```
.text, #text, p{  
    color:rgb(85, 252, 55)  
}
```

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(85, 252, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 252, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 106.656, 135.216 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(85, 252, 55) }
```

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

```
.border{ border-color:rgb(85, 252, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 252, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 252, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 252, 55);  
box-shadow:4px 4px 4px 4px rgb(85, 252,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 106.656, 135.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 252, 55) }
```

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

```
.background{ background-color: rgb(85, 252,  
55) }
```

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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