

Converting Colors

CIELCh(88, 109.028, 137.526)

Have a look what the booklet for
CIELCh(88, 109.028, 137.526)
contains.

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Color

CIELCh(88, 109.054, 137.534)

Conversions

Conversions Part 1

Format	Color
Hex	37FE3B
RGB	55, 254, 59
RGB Percent	22%, 100%, 23%
CMY	0.7837, 0.0036, 0.7683
CMYK	0.78, 0.00, 0.77, 0.00
HSL	121°, 99%, 61%
HSV	121°, 78%, 100%
XYZ	37.8414, 72.0653, 16.0648
YIQ	172.2690, -56.0090, -102.8330

Conversions

Conversions Part 2

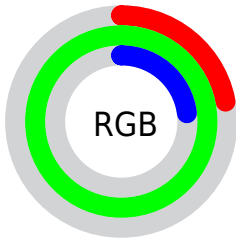
Format	Color
RYB	55, 250, 254
Decimal	3669563
CIELab	88.00, -80.45, 73.63
CIElCh	88, 109.054, 137.534
Yxy	72.0653, 0.3004, 0.5721
Android (android.graphics.Color)	4281859643 (0xFF37FE3B)
YUV	172.2690, -55.8416, -102.8449
Hunter-Lab	84.8913, -68.9911, 48.2038

Details

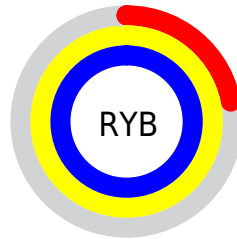
The CIELCh color **88, 109.054, 137.534** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **62, 105.816, 328.675**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 79.741, 137.729**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 115.496, 136.669**, and if you desaturate by 10%, it is **89, 99.691, 138.636**.

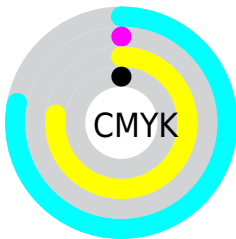
Distribution



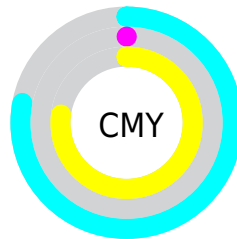
- Red (22%)
- Green (100%)
- Blue (23%)



- Red (22%)
- Yellow (98%)
- Blue (100%)



- Cyan (78%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)





- Cyan (78%)
- Magenta (0%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 109.054, 137.534 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, 109.054, 137.534 by changing the saturation by 10% instead.


 88, 109.054,
137.534


 88, 109.054,
137.534


 100, 109.054,
137.534


 78, 109.054,
137.534


 68, 109.054,
137.534

 58, 109.054,
137.534

 48, 109.054,
137.534

 38, 109.054,
137.534

 28, 109.054,
137.534

 18, 109.054,

137.534

■ 8, 109.054,
137.534

■ 0, 109.054,
137.534

■ 88, 109.054,
137.534

■ 88, 109.054,
137.534

■ 88, 115.496,
136.669

■ 89, 99.691,
138.636

■ 87, 118.796,
136.167

■ 89, 87.970,
139.825

■ 87, 119.137,
136.124

■ 91, 74.506,
140.985

■ 92, 59.853,
142.049

■ 94, 44.475,
142.989

■ 96, 28.750,
143.802

■ 98, 12.969,
144.505

100, 0.580,
323.928

Harmonies

Complementary

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



88, 109.054, 137.534



62, 105.816, 328.675

Rectangle

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



88, 109.054, 137.534



88, 109.054, 187.534



88, 109.054, 317.534



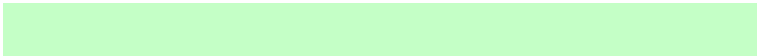
88, 109.054, 7.534

Sweetspot

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



88, 109.054, 137.535



95, 36.277, 143.434



97, 88.658, 104.321



50, 25.104, 143.134



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, 109.054, 137.535



88, 118.074, 136.329



89, 75.694, 154.314



52, 8.922, 144.425



68, 96.113, 136.170



22, 43.388, 137.147

Inverse Universe

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



62, 105.816, 328.675



60, 112.806, 328.977



58, 78.583, 356.295



50, 8.936, 325.482



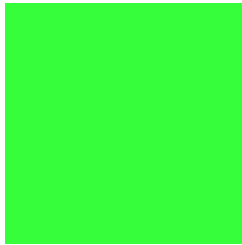
45, 91.646, 329.037



12, 42.240, 328.939

Previews

White Background



This preview shows how the CIELCh color 88, 109.054, 137.534 looks on a white background.

Color Contrast Check

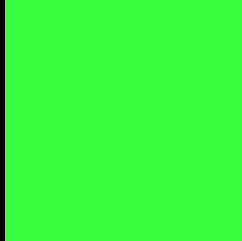
Large Text (above 18pt) WCAG AA × Fail

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, 109.054, 137.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

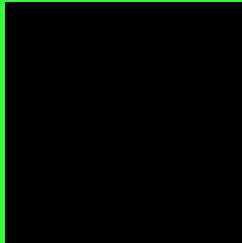
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 109.054, 137.534

Background



This preview shows how black text looks on a background with the CIELCh color 88, 109.054, 137.534.

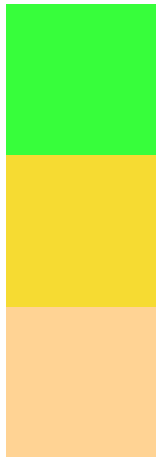


This preview shows how white text looks on a background with the CIELCh color 88, 109.054, 137.534.

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, 109.054, 137.534

Protanopia

87, 79.175, 95.022

Deuteranopia

87, 37.677, 78.750



Tritanopia
88, 33.850, 214.675

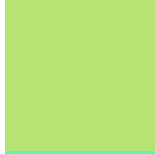
Trichromacy



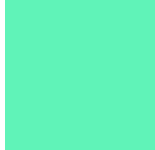
Original Color
88, 109.054, 137.534



Protanomaly
86, 85.237, 118.796

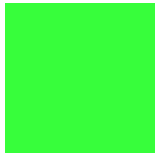


Deuteranomaly
85, 58.778, 123.280

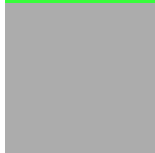


Tritanomaly
87, 55.491, 162.230

Monochromacy



Original Color
88, 109.054, 137.534



Achromatopsia
70, 0.009, 296.813



Achromatomaly
75, 46.545, 142.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 109.054, 137.534 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, 59)` looks like.

```
.text, #text, p{  
    color:rgb(55, 254, 59)  
}
```

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, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 254, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 109.054, 137.534 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, 59) }
```

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

```
.border{ border-color:rgb(55, 254, 59) }
```

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, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 254, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 254, 59);  
box-shadow:4px 4px 4px 4px rgb(55, 254,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 109.054, 137.534 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, 59) }
```

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

```
.background{ background-color: rgb(55, 254,  
59) }
```

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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