

Converting Colors

CIELCh(89, 95.334, 138.785)

Have a look what the booklet for
CIELCh(89, 95.334, 138.785)
contains.

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Color

CIELCh(89, 95.245, 138.763)

Conversions

Conversions Part 1

Format	Color
Hex	5DFE5D
RGB	93, 254, 93
RGB Percent	36%, 100%, 36%
CMY	0.6342, 0.0030, 0.6344
CMYK	0.63, 0.00, 0.63, 0.00
HSL	120°, 99%, 68%
HSV	120°, 63%, 100%
XYZ	42.0414, 74.1641, 22.5055
YIQ	187.5070, -44.2750, -84.2030

Conversions

Conversions Part 2

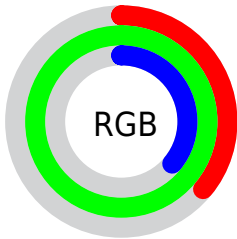
Format	Color
RYB	93, 254, 254
Decimal	6159965
CIELab	89.00, -71.62, 62.78
CIELCh	89, 95.245, 138.763
Yxy	74.1641, 0.3031, 0.5347
Android (android.graphics.Color)	4284350045 (0xFF5DFE5D)
YUV	187.5070, -46.5920, -82.8826
Hunter-Lab	86.1186, -63.5675, 44.7887

Details

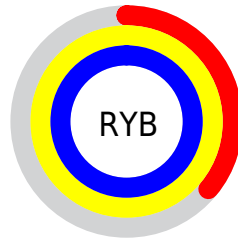
The CIELCh color **89, 95.245, 138.763** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **67, 93.981, 327.575**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 63.947, 139.093**, and **69, 93.932, 137.879** is the 20% darker color. If you saturate the color by 10%, you get **88, 105.804, 137.666**, and if you desaturate by 10%, it is **90, 82.519, 139.913**.

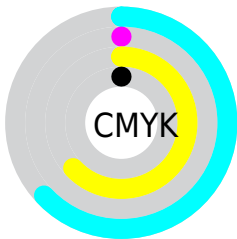
Distribution



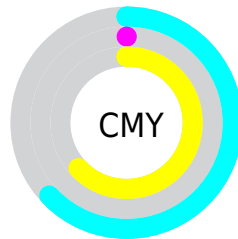
- Red (36%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 95.245, 138.763 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 89, 95.245, 138.763 by changing the saturation by 10% instead.


 89, 95.245,
138.763


 89, 95.245,
138.763


 100, 95.245,
138.763


 79, 95.245,
138.763

 69, 95.245,
138.763

 59, 95.245,
138.763

 49, 95.245,
138.763

 39, 95.245,
138.763


 29, 95.245,
138.763


 19, 95.245,


138.763


 9, 95.245, 138.763


 0, 95.245, 138.763


 89, 95.245,
138.763


 89, 95.245,
138.763

 88, 105.804,
137.666


 90, 82.519,
139.913


 88, 113.546,
136.767

 91, 68.257,
141.012

 88, 118.037,
136.205

 93, 53.005,
142.007

 88, 119.504,
136.015

 95, 37.205,
142.877

 97, 21.202,

143.628

99, 5.257, 144.304

100, 0.486,
323.821

Harmonies

Complementary

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



89, 95.245, 138.763



67, 93.981, 327.575

Rectangle

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



89, 95.245, 138.763



89, 95.245, 188.763



89, 95.245, 318.763



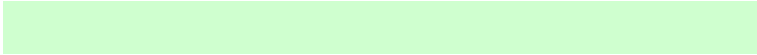
89, 95.245, 8.763

Sweetspot

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



89, 95.245, 138.764



96, 30.353, 143.216



97, 75.380, 103.519



50, 20.900, 142.995



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 95.245, 138.764



88, 108.427, 137.399



90, 66.424, 155.385



52, 9.043, 143.888



68, 96.473, 136.015



22, 43.823, 136.772

Inverse Universe

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



67, 93.981, 327.575



63, 105.947, 327.934



63, 69.463, 350.332



50, 9.056, 324.938



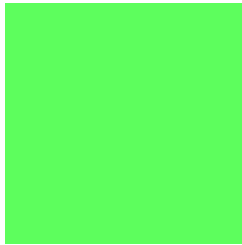
45, 93.084, 328.220



12, 42.823, 328.222

Previews

White Background



This preview shows how the CIE LCh color 89, 95.245, 138.763 looks on a white background.

Color Contrast Check

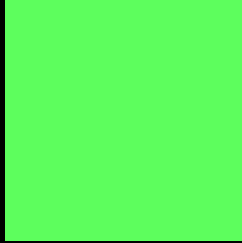
Large Text (above 18pt) WCAG AA × Fail

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 89, 95.245, 138.763 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 89, 95.245, 138.763

Background



This preview shows how black text looks on a background with the CIELCh color 89, 95.245, 138.763.

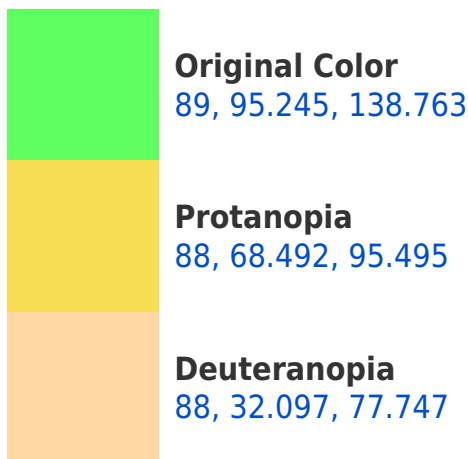


This preview shows how white text looks on a background with the CIELCh color 89, 95.245, 138.763.

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



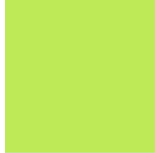


Tritanopia
89, 29.383, 216.521

Trichromacy



Original Color
89, 95.245, 138.763



Protanomaly
87, 73.352, 118.195



Deuteranomaly
87, 48.615, 121.847

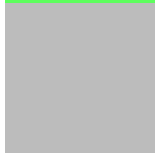


Tritanomaly
88, 46.114, 164.361

Monochromacy



Original Color
89, 95.245, 138.763



Achromatopsia
76, 0.009, 296.813



Achromatomaly
80, 37.637, 142.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 95.245, 138.763 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(93, 254, 93)` looks like.

```
.text, #text, p{  
    color:rgb(93, 254, 93)  
}
```

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(93, 254, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 254, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 95.245, 138.763 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(93, 254, 93) }
```

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

```
.border{ border-color:rgb(93, 254, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 254, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 254, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 254, 93);  
box-shadow:4px 4px 4px 4px rgb(93, 254,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 95.245, 138.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 254, 93) }
```

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

```
.background{ background-color: rgb(93, 254,  
93) }
```

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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