

Converting Colors

CIELCh(88, 82.163, 128.596)

Have a look what the booklet for
CIELCh(88, 82.163, 128.596)
contains.

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Color

CIELCh(88, 81.758, 128.548)

Conversions

Conversions Part 1

Format	Color
Hex	9CF359
RGB	156, 243, 89
RGB Percent	61%, 95%, 35%
CMY	0.3873, 0.0461, 0.6500
CMYK	0.36, 0.00, 0.63, 0.05
HSL	94°, 87%, 65%
HSV	94°, 63%, 95%
XYZ	47.6949, 72.0653, 20.8993
YIQ	199.4310, -2.4180, -66.3380

Conversions

Conversions Part 2

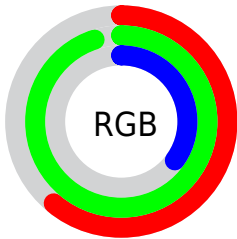
Format	Color
RYB	89, 243, 176
Decimal	10285913
CIELab	88.00, -50.95, 63.94
CIELCh	88, 81.758, 128.548
Yxy	72.0653, 0.3391, 0.5123
Android (android.graphics.Color)	4288475993 (0xFF9CF359)
YUV	199.4310, -54.4425, -38.0890
Hunter-Lab	84.8913, -48.2722, 44.8273

Details

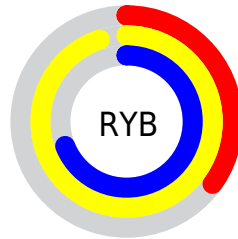
The CIELCh color **88, 81.758, 128.548** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **55, 88.423, 314.120**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 56.828, 121.885**, and **68, 81.735, 128.479** is the 20% darker color. If you saturate the color by 10%, you get **87, 91.805, 128.484**, and if you desaturate by 10%, it is **89, 70.253, 128.849**.

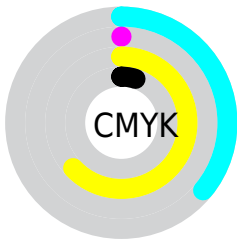
Distribution



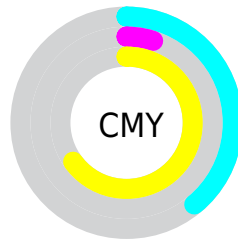
- Red (61%)
- Green (95%)
- Blue (35%)



- Red (35%)
- Yellow (95%)
- Blue (69%)



- Cyan (36%)
- Magenta (0%)
- Yellow (63%)
- Black (5%)




- Cyan (39%)
- Magenta (5%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 81.758, 128.548 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, 81.758, 128.548 by changing the saturation by 10% instead.


 88, 81.758,
128.548

 88, 81.758,
128.548


 100, 81.758,
128.548


 78, 81.758,
128.548

 68, 81.758,
128.548

 58, 81.758,
128.548

 48, 81.758,
128.548

 38, 81.758,
128.548


 28, 81.758,
128.548


 18, 81.758,


128.548


 8, 81.758, 128.548


 0, 81.758, 128.548


 88, 81.758,
128.548


 88, 81.758,
128.548

 87, 91.805,
128.484


 89, 70.253,
128.849


 87, 99.802,
128.787

 90, 57.794,
129.278

 86, 105.287,
129.568

 91, 44.758,
129.762

 86, 107.730,
130.299

 92, 31.407,
130.255

 94, 17.925,

130.732

 95, 4.441, 131.202

 97, 6.853, 318.435

 97, 7.320, 324.654

Harmonies

Complementary

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



88, 81.758, 128.548



55, 88.423, 314.120

Rectangle

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



88, 81.758, 128.548



88, 81.758, 178.548



88, 81.758, 308.548



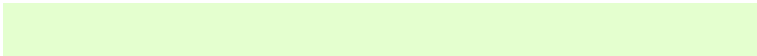
88, 81.758, 358.548

Sweetspot

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



88, 81.759, 128.549



97, 26.597, 130.461



76, 55.262, 72.048



51, 18.305, 130.323



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, 81.759, 128.549



91, 97.774, 128.528



86, 89.270, 139.967



50, 7.683, 130.909



67, 87.887, 130.037



21, 37.198, 128.895

Inverse Universe

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



55, 88.423, 314.120



51, 107.122, 314.307



64, 87.736, 329.180



47, 7.776, 311.698



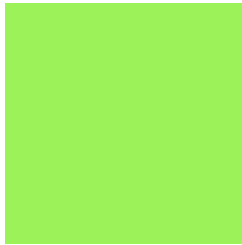
31, 97.144, 313.469



6, 41.612, 314.402

Previews

White Background



This preview shows how the CIELCh color 88, 81.758, 128.548 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, 81.758, 128.548 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

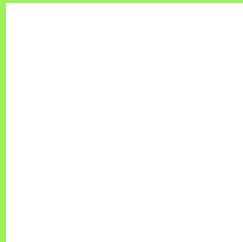
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 81.758, 128.548

Background



This preview shows how black text looks on a background with the CIELCh color 88, 81.758, 128.548.

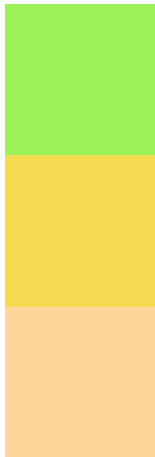


This preview shows how white text looks on a background with the CIELCh color 88, 81.758, 128.548.

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, 81.758, 128.548

Protanopia
88, 68.111, 95.422

Deuteranopia
88, 35.341, 78.652

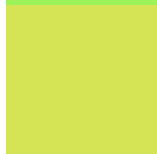


Tritanopia
88, 17.898, 230.418

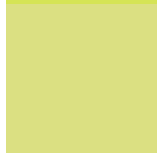
Trichromacy



Original Color
88, 81.758, 128.548



Protanomaly
87, 69.761, 109.555



Deuteranomaly
87, 47.826, 108.582

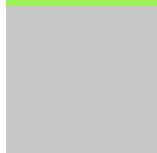


Tritanomaly
88, 32.693, 151.594

Monochromacy



Original Color
88, 81.758, 128.548



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 31.761, 130.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 81.758, 128.548 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(156, 243, 89)` looks like.

```
.text, #text, p{  
    color:rgb(156, 243, 89)  
}
```

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(156, 243, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 243, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 81.758, 128.548 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(156, 243, 89) }
```

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

```
.border{ border-color:rgb(156, 243, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 243, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 243, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 243, 89);  
box-shadow:4px 4px 4px 4px rgb(156, 243,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 81.758, 128.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 243, 89) }
```

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

```
.background{ background-color: rgb(156,  
243, 89) }
```

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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