

Converting Colors

CIELCh(91, 79.140, 138.250)

Have a look what the booklet for
CIELCh(91, 79.140, 138.250)
contains.

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Color

CIELCh(91, 78.587, 138.271)

Conversions

Conversions Part 1

Format	Color
Hex	88FF7B
RGB	136, 255, 123
RGB Percent	53%, 100%, 48%
CMY	0.4686, 0.0000, 0.5158
CMYK	0.47, 0.00, 0.52, 0.00
HSL	115°, 100%, 74%
HSV	115°, 52%, 100%
XYZ	49.6034, 78.4833, 31.4278
YIQ	204.3710, -28.5520, -66.2800

Conversions

Conversions Part 2

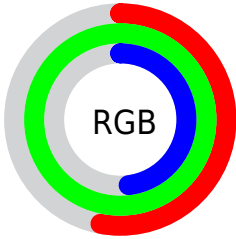
Format	Color
RYB	123, 255, 242
Decimal	8978299
CIELab	91.00, -58.65, 52.31
CIElCh	91, 78.587, 138.271
Yxy	78.4833, 0.3110, 0.4920
Android (android.graphics.Color)	4287168379 (0xFF88FF7B)
YUV	204.3710, -40.1159, -59.9614
Hunter-Lab	88.5908, -55.0889, 40.9803

Details

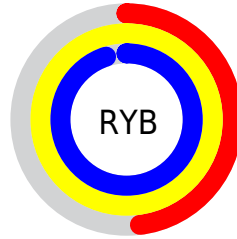
The CIELCh color **91, 78.587, 138.271** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **70, 78.609, 324.341**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 44.953, 136.609**, and **71, 78.092, 138.123** is the 20% darker color. If you saturate the color by 10%, you get **90, 91.365, 137.375**, and if you desaturate by 10%, it is **92, 64.016, 139.158**.

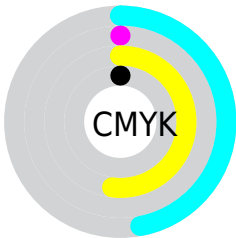
Distribution



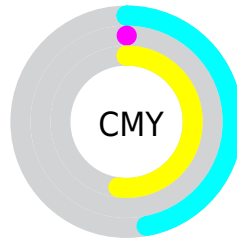
- Red (53%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (95%)



- Cyan (47%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 78.587, 138.271 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 91, 78.587, 138.271 by changing the saturation by 10% instead.


 91, 78.587,
138.271


 91, 78.587,
138.271


 100, 78.587,
138.271


 81, 78.587,
138.271

 71, 78.587,
138.271

 61, 78.587,
138.271

 51, 78.587,
138.271

 41, 78.587,
138.271

 31, 78.587,
138.271

 21, 78.587,

138.271

■ 11, 78.587,
138.271

■ 1, 78.587, 138.271

■ 91, 78.587,
138.271

■ 91, 78.587,
138.271

■ 90, 91.365,
137.375

■ 92, 64.016,
139.158

■ 89, 102.559,
136.558

■ 94, 48.946,
139.976

■ 88, 111.229,
135.954

■ 95, 33.481,
140.705

■ 88, 116.824,
135.692

■ 97, 17.901,
141.345

■ 88, 119.264,
135.703

■ 100, 2.416,
141.990

100, 0.012,
296.813

Harmonies

Complementary

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



91, 78.587, 138.271



70, 78.609, 324.341

Rectangle

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



91, 78.587, 138.271



91, 78.587, 188.271



91, 78.587, 318.271



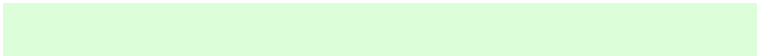
91, 78.587, 8.271

Sweetspot

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



91, 78.317, 138.273



97, 23.229, 141.136



94, 58.970, 100.251



51, 15.861, 141.002



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 78.317, 138.273



90, 91.878, 137.338



91, 59.879, 153.328



52, 8.779, 141.468



68, 95.948, 135.618



23, 43.086, 135.512

Inverse Universe

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



70, 78.609, 324.341



65, 91.830, 324.661



69, 61.398, 343.489



50, 8.806, 322.402



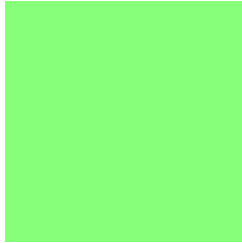
42, 93.637, 324.667



11, 43.036, 325.087

Previews

White Background



This preview shows how the CIE LCh color 91, 78.587, 138.271 looks on a white background.

Color Contrast Check

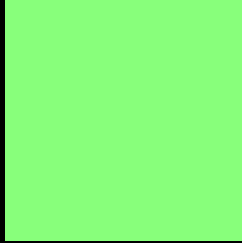
Large Text (above 18pt) WCAG AA × Fail

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 91, 78.587, 138.271 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

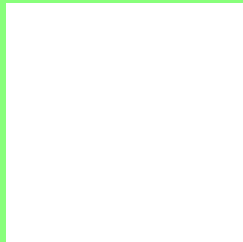
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 78.587, 138.271

Background



This preview shows how black text looks on a background with the CIELCh color 91, 78.587, 138.271.

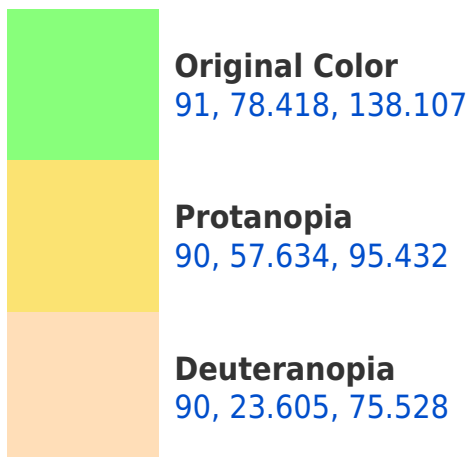



This preview shows how white text looks on a background with the CIELCh color 91, 78.587, 138.271.

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



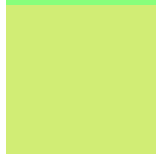


Tritanopia
90, 21.745, 222.358

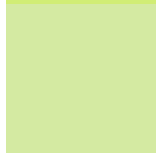
Trichromacy



Original Color
91, 78.418, 138.107



Protanomaly
90, 60.688, 116.087

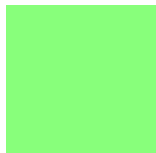


Deuteranomaly
90, 37.775, 120.229

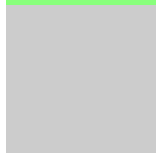


Tritanomaly
90, 34.697, 163.569

Monochromacy



Original Color
91, 78.418, 138.107



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 30.033, 140.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 78.587, 138.271 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(136, 255, 123)` looks like.

```
.text, #text, p{  
    color:rgb(136, 255, 123)  
}
```

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(136, 255, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 78.587, 138.271 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(136, 255, 123) }
```

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

```
.border{ border-color:rgb(136, 255, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 255, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 255, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 255, 123);  
box-shadow:4px 4px 4px 4px rgb(136, 255,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 78.587, 138.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 123) }
```

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

```
.background{ background-color: rgb(136,  
255, 123) }
```

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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