

Converting Colors

CIELCh(90, 78.981, 141.333)

Have a look what the booklet for
CIELCh(90, 78.981, 141.333)
contains.

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Color

CIELCh(90, 79.008, 141.309)

Conversions

Conversions Part 1

Format	Color
Hex	78FE7F
RGB	120, 254, 127
RGB Percent	47%, 100%, 50%
CMY	0.5300, 0.0045, 0.5025
CMYK	0.53, 0.00, 0.50, 0.00
HSL	123°, 98%, 73%
HSV	123°, 53%, 100%
XYZ	46.9433, 76.3034, 32.2876
YIQ	199.4560, -39.0970, -67.9050

Conversions

Conversions Part 2

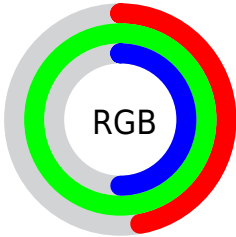
Format	Color
RYB	120, 247, 254
Decimal	7929471
CIELab	90.00, -61.67, 49.39
CIElCh	90, 79.008, 141.309
Yxy	76.3034, 0.3018, 0.4906
Android (android.graphics.Color)	4286119551 (0xFF78FE7F)
YUV	199.4560, -35.7208, -69.6829
Hunter-Lab	87.3518, -56.9389, 39.2310

Details

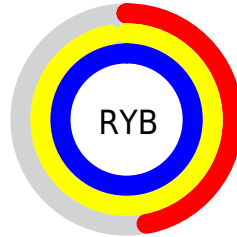
The CIELCh color **90, 79.008, 141.309** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **70, 78.346, 328.781**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 45.934, 142.757**, and **70, 78.936, 141.280** is the 20% darker color. If you saturate the color by 10%, you get **89, 91.623, 140.074**, and if you desaturate by 10%, it is **91, 65.077, 142.449**.

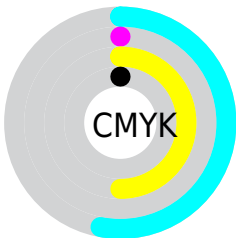
Distribution



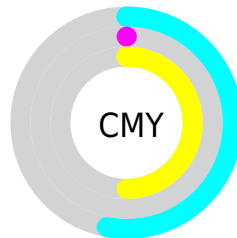
- Red (47%)
- Green (100%)
- Blue (50%)



- Red (47%)
- Yellow (97%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (53%)
- Magenta (0%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 79.008, 141.309 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 90, 79.008, 141.309 by changing the saturation by 10% instead.


 90, 79.008,
141.309


 90, 79.008,
141.309


 100, 79.008,
141.309


 80, 79.008,
141.309

 70, 79.008,
141.309

 60, 79.008,
141.309


 50, 79.008,
141.309

 40, 79.008,
141.309


 30, 79.008,
141.309


 20, 79.008,


141.309


 10, 79.008,
141.309


 0, 79.008, 141.309


 90, 79.008,
141.309


 90, 79.008,
141.309


 89, 91.623,
140.074


 91, 65.077,
142.449

 88, 102.395,
138.816

 93, 50.286,
143.461

 88, 110.779,
137.652

 95, 35.022,
144.339

 87, 116.321,
136.727

 97, 19.594,
145.096

■ 87, 118.528,
136.308

■ 99, 4.235, 145.792
100, 0.717,
324.035

Harmonies

Complementary

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



90, 79.008, 141.309



70, 78.346, 328.781

Rectangle

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



90, 79.008, 141.309



90, 79.008, 191.309



90, 79.008, 321.309



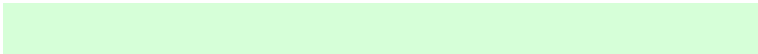
90, 79.008, 11.309

Sweetspot

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



90, 79.009, 141.309



96, 24.640, 144.865



97, 65.386, 107.544



51, 16.647, 144.711



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 79.009, 141.309



89, 92.202, 140.046



91, 53.533, 160.575



52, 8.725, 145.322



68, 95.527, 136.421



22, 42.674, 137.773

Inverse Universe

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



70, 78.346, 328.781



67, 90.618, 329.253



68, 57.722, 352.771



50, 8.740, 326.392



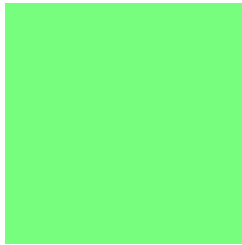
45, 89.328, 330.437



12, 41.300, 330.158

Previews

White Background



This preview shows how the CIE LCh color 90, 79.008, 141.309 looks on a white background.

Color Contrast Check

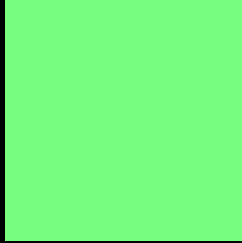
Large Text (above 18pt) WCAG AA × Fail

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 90, 79.008, 141.309 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

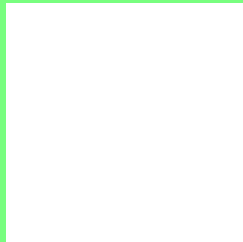
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 79.008, 141.309

Background



This preview shows how black text looks on a background with the CIELCh color 90, 79.008, 141.309.

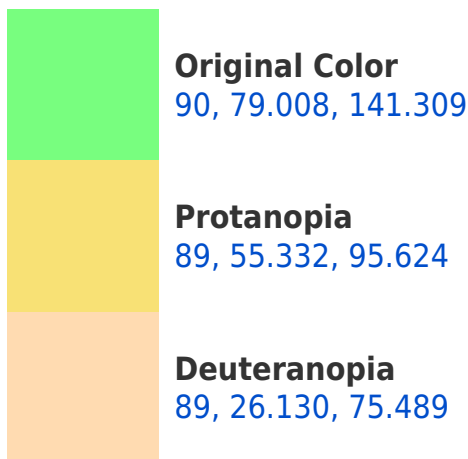


This preview shows how white text looks on a background with the CIELCh color 90, 79.008, 141.309.

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



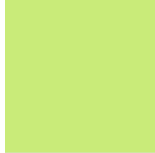


Tritanopia
90, 25.028, 218.858

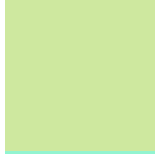
Trichromacy



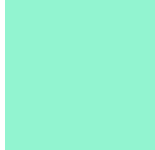
Original Color
90, 79.008, 141.309



Protanomaly
89, 58.614, 118.972



Deuteranomaly
89, 38.717, 122.202

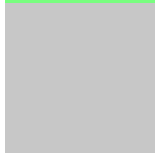


Tritanomaly
90, 37.809, 167.260

Monochromacy



Original Color
90, 79.008, 141.309



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 30.315, 144.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 79.008, 141.309 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(120, 254, 127)` looks like.

```
.text, #text, p{  
    color:rgb(120, 254, 127)  
}
```

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(120, 254, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 254, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 79.008, 141.309 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(120, 254, 127) }
```

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

```
.border{ border-color:rgb(120, 254, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 254, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 254, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 254, 127);  
box-shadow:4px 4px 4px 4px rgb(120, 254,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 79.008, 141.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 254, 127) }
```

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

```
.background{ background-color: rgb(120,  
254, 127) }
```

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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