

Converting Colors

CIELCh(90, 80.919, 139.348)

Have a look what the booklet for
CIELCh(90, 80.919, 139.348)
contains.

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Color

CIELCh(90, 81.035, 139.421)

Conversions

Conversions Part 1

Format	Color
Hex	7CFE78
RGB	124, 254, 120
RGB Percent	49%, 100%, 47%
CMY	0.5150, 0.0051, 0.5305
CMYK	0.51, 0.00, 0.53, 0.01
HSL	118°, 98%, 73%
HSV	118°, 53%, 99%
XYZ	46.9864, 76.3034, 29.9335
YIQ	199.8540, -34.4660, -69.2340

Conversions

Conversions Part 2

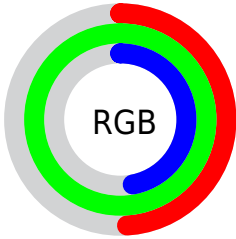
Format	Color
RYB	120, 254, 250
Decimal	8191608
CIELab	90.00, -61.55, 52.71
CIElCh	90, 81.035, 139.421
Yxy	76.3034, 0.3067, 0.4980
Android (android.graphics.Color)	4286381688 (0xFF7CFE78)
YUV	199.8540, -39.3680, -66.5240
Hunter-Lab	87.3518, -56.8507, 40.8289

Details

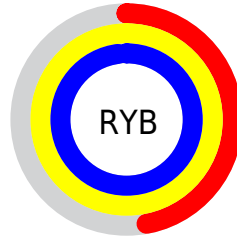
The CIELCh color **90, 81.035, 139.421** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **70, 80.712, 326.284**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 48.307, 139.460**, and **70, 80.823, 139.548** is the 20% darker color. If you saturate the color by 10%, you get **89, 93.852, 138.358**, and if you desaturate by 10%, it is **91, 66.784, 140.447**.

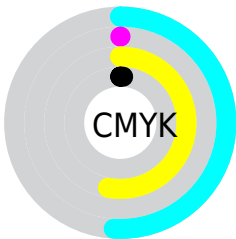
Distribution



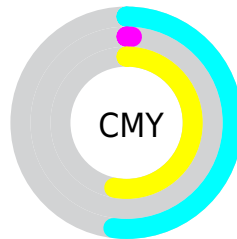
- Red (49%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (98%)



- Cyan (51%)
- Magenta (0%)
- Yellow (53%)
- Black (1%)





- Cyan (52%)
- Magenta (1%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 81.035, 139.421 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, 81.035, 139.421 by changing the saturation by 10% instead.


 90, 81.035,
139.421


 90, 81.035,
139.421


 100, 81.035,
139.421


 80, 81.035,
139.421

 70, 81.035,
139.421

 60, 81.035,
139.421

 50, 81.035,
139.421

 40, 81.035,
139.421

 30, 81.035,
139.421

 20, 81.035,

139.421

■ 10, 81.035,
139.421

■ 0, 81.035, 139.421

■ 90, 81.035,
139.421

■ 90, 81.035,
139.421

■ 89, 93.852,
138.358

■ 91, 66.784,
140.447

■ 88, 104.607,
137.356

■ 93, 51.619,
141.381

■ 88, 112.641,
136.556

■ 95, 35.961,
142.203

■ 87, 117.478,
136.093

■ 97, 20.133,
142.916

■ 87, 119.181,
135.934

■ 99, 4.376, 143.571
100, 0.814,
324.090

Harmonies

Complementary

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



90, 81.035, 139.421



70, 80.712, 326.284

Rectangle

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



90, 81.035, 139.421



90, 81.035, 189.421



90, 81.035, 319.421



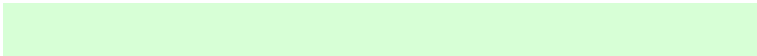
90, 81.035, 9.421

Sweetspot

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



90, 81.036, 139.421



96, 25.293, 142.699



96, 63.505, 103.589



51, 17.088, 142.554



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, 81.036, 139.421



89, 94.465, 138.336



91, 57.563, 156.229



52, 8.956, 143.130



68, 96.319, 135.899



22, 43.581, 136.369

Inverse Universe

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



70, 80.712, 326.284



66, 93.545, 326.643



68, 60.118, 347.492



50, 8.974, 324.140



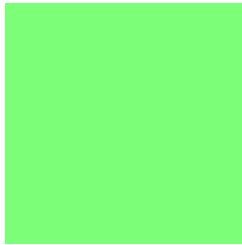
44, 93.211, 327.066



12, 42.873, 327.206

Previews

White Background



This preview shows how the CIE LCh color 90, 81.035, 139.421 looks on a white background.

Color Contrast Check

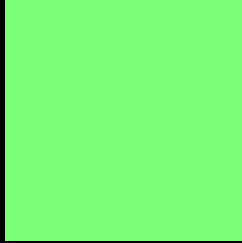
Large Text (above 18pt) WCAG AA × Fail

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, 81.035, 139.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

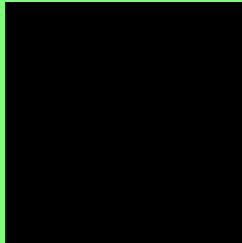
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

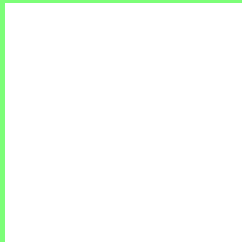
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 81.035, 139.421

Background



This preview shows how black text looks on a background with the CIELCh color 90, 81.035, 139.421.

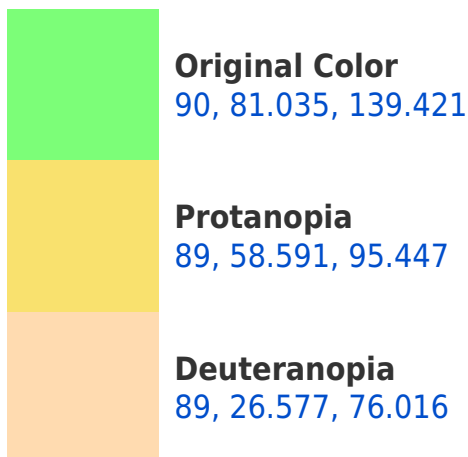


This preview shows how white text looks on a background with the CIELCh color 90, 81.035, 139.421.

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



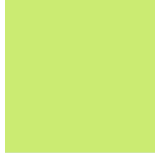


Tritanopia
90, 24.657, 220.549

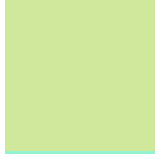
Trichromacy



Original Color
90, 81.035, 139.421



Protanomaly
89, 61.525, 117.398



Deuteranomaly
89, 40.060, 121.055

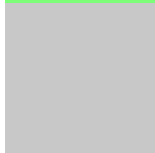


Tritanomaly
89, 37.419, 166.012

Monochromacy



Original Color
90, 81.035, 139.421



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 31.375, 142.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 81.035, 139.421 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(124, 254, 120)` looks like.

```
.text, #text, p{  
    color:rgb(124, 254, 120)  
}
```

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(124, 254, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 254, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 81.035, 139.421 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(124, 254, 120) }
```

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

```
.border{ border-color:rgb(124, 254, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 254, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 254, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 254, 120);  
box-shadow:4px 4px 4px 4px rgb(124, 254,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 81.035, 139.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 254, 120) }
```

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

```
.background{ background-color: rgb(124,  
254, 120) }
```

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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