

Converting Colors

CIELCh(90, 77.056, 139.885)

Have a look what the booklet for
CIELCh(90, 77.056, 139.885)
contains.

CIELCh(90, 77.385, 139.814)	3
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Color

CIELCh(90, 77.385, 139.814)

Conversions

Conversions Part 1

Format	Color
Hex	81FD7E
RGB	129, 253, 126
RGB Percent	51%, 99%, 49%
CMY	0.4948, 0.0085, 0.5065
CMYK	0.49, 0.00, 0.50, 0.01
HSL	119°, 97%, 74%
HSV	119°, 50%, 99%
XYZ	47.8576, 76.3034, 31.8936
YIQ	201.4460, -33.1370, -65.7850

Conversions

Conversions Part 2

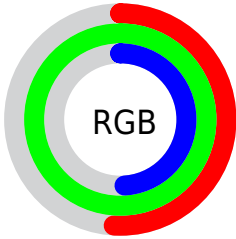
Format	Color
RYB	126, 253, 250
Decimal	8519038
CIELab	90.00, -59.12, 49.93
CIELCh	90, 77.385, 139.814
Yxy	76.3034, 0.3067, 0.4890
Android (android.graphics.Color)	4286709118 (0xFF81FD7E)
YUV	201.4460, -37.1949, -63.5351
Hunter-Lab	87.3518, -55.0705, 39.4985

Details

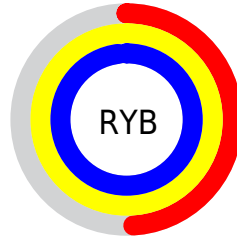
The CIELCh color **90, 77.385, 139.814** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **71, 77.115, 326.363**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 44.776, 139.747**, and **70, 77.257, 139.825** is the 20% darker color. If you saturate the color by 10%, you get **89, 90.596, 138.737**, and if you desaturate by 10%, it is **91, 62.878, 140.833**.

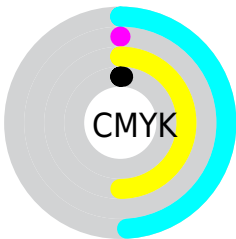
Distribution



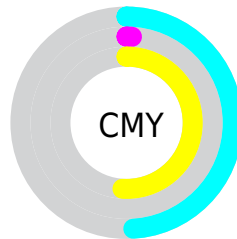
- Red (51%)
- Green (99%)
- Blue (49%)



- Red (49%)
- Yellow (99%)
- Blue (98%)



- Cyan (49%)
- Magenta (0%)
- Yellow (50%)
- Black (1%)





- Cyan (49%)
- Magenta (1%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 77.385, 139.814 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, 77.385, 139.814 by changing the saturation by 10% instead.


 90, 77.385,
139.814


 90, 77.385,
139.814


 100, 77.385,
139.814


 80, 77.385,
139.814

 70, 77.385,
139.814

 60, 77.385,
139.814

 50, 77.385,
139.814

 40, 77.385,
139.814

 30, 77.385,
139.814

 20, 77.385,

139.814

■ 10, 77.385,
139.814

■ 0, 77.385, 139.814

■ 90, 77.385,
139.814

■ 90, 77.385,
139.814

■ 89, 90.596,
138.737

■ 91, 62.878,
140.833

■ 88, 101.906,
137.687

■ 93, 47.568,
141.749

■ 88, 110.657,
136.798

■ 95, 31.853,
142.549

■ 87, 116.296,
136.213

■ 97, 16.035,
143.243

■ 87, 118.901,
135.950

■ 99, 0.339, 144.694
■ 99, 1.349, 324.260

Harmonies

Complementary

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



90, 77.385, 139.814



71, 77.115, 326.363

Rectangle

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



90, 77.385, 139.814



90, 77.385, 189.814



90, 77.385, 319.814



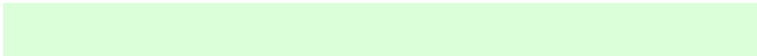
90, 77.385, 9.814

Sweetspot

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



90, 77.386, 139.814



97, 23.749, 142.923



96, 60.512, 103.827



51, 16.216, 142.776



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

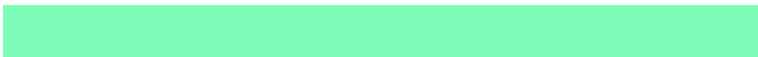
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 77.386, 139.814



90, 90.936, 138.758



91, 54.877, 156.605



52, 8.974, 143.289



68, 96.351, 135.923



22, 43.631, 136.453

Inverse Universe

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



71, 77.115, 326.363



68, 90.159, 326.736



69, 57.311, 347.110



50, 8.991, 324.307



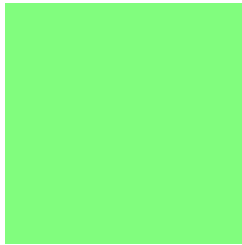
45, 93.181, 327.305



12, 42.861, 327.416

Previews

White Background



This preview shows how the CIE LCh color 90, 77.385, 139.814 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, 77.385, 139.814 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, 77.385, 139.814

Background



This preview shows how black text looks on a background with the CIELCh color 90, 77.385, 139.814.

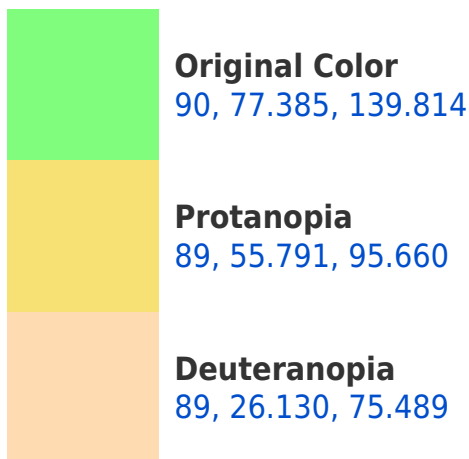


This preview shows how white text looks on a background with the CIELCh color 90, 77.385, 139.814.

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



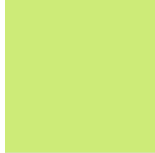


Tritanopia
90, 24.164, 221.061

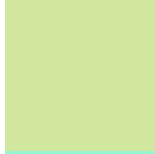
Trichromacy



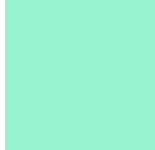
Original Color
90, 77.385, 139.814



Protanomaly
89, 58.686, 117.368



Deuteranomaly
89, 38.344, 120.014

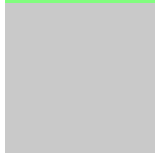


Tritanomaly
90, 36.056, 166.726

Monochromacy



Original Color
90, 77.385, 139.814



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 29.436, 142.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 77.385, 139.814 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(129, 253, 126)` looks like.

```
.text, #text, p{  
    color:rgb(129, 253, 126)  
}
```

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(129, 253, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 253, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 77.385, 139.814 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(129, 253, 126) }
```

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

```
.border{ border-color:rgb(129, 253, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 253, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 253, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 253, 126);  
box-shadow:4px 4px 4px 4px rgb(129, 253,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 77.385, 139.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 253, 126) }
```

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

```
.background{ background-color: rgb(129,  
253, 126) }
```

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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