

Converting Colors

CIELCh(90, 76.891, 141.088)

Have a look what the booklet for
CIELCh(90, 76.891, 141.088)
contains.

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Color

CIELCh(90, 76.891, 141.018)

Conversions

Conversions Part 1

Format	Color
Hex	7DFD81
RGB	125, 253, 129
RGB Percent	49%, 99%, 51%
CMY	0.5092, 0.0072, 0.4936
CMYK	0.51, 0.00, 0.49, 0.01
HSL	122°, 97%, 74%
HSV	122°, 51%, 99%
XYZ	47.6226, 76.3034, 33.0335
YIQ	200.5920, -36.4840, -65.7000

Conversions

Conversions Part 2

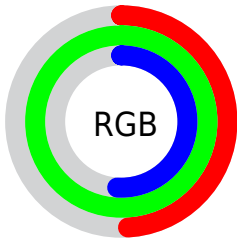
Format	Color
RYB	125, 249, 253
Decimal	8256897
CIELab	90.00, -59.77, 48.37
CIELCh	90, 76.891, 141.018
Yxy	76.3034, 0.3034, 0.4861
Android (android.graphics.Color)	4286446977 (0xFF7DFD81)
YUV	200.5920, -35.2949, -66.2942
Hunter-Lab	87.3518, -55.5508, 38.7248

Details

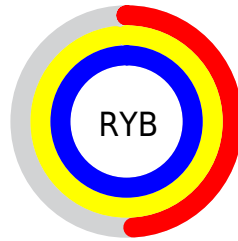
The CIELCh color **90, 76.891, 141.018** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **71, 76.381, 328.011**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 44.287, 142.173**, and **70, 76.805, 140.952** is the 20% darker color. If you saturate the color by 10%, you get **89, 89.922, 139.829**, and if you desaturate by 10%, it is **91, 62.594, 142.116**.

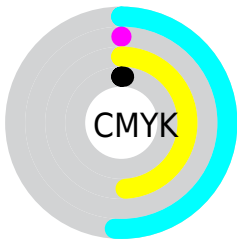
Distribution



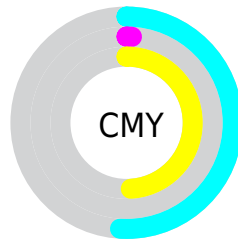
- Red (49%)
- Green (99%)
- Blue (51%)



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



- Cyan (51%)
- Magenta (0%)
- Yellow (49%)
- Black (1%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 76.891, 141.018 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, 76.891, 141.018 by changing the saturation by 10% instead.


 90, 76.891,
141.018


 90, 76.891,
141.018

 100, 76.891,
141.018


 80, 76.891,
141.018

 70, 76.891,
141.018

 60, 76.891,
141.018


 50, 76.891,
141.018

 40, 76.891,
141.018


 30, 76.891,
141.018


 20, 76.891,


141.018


 10, 76.891,
141.018


 0, 76.891, 141.018


 90, 76.891,
141.018


 90, 76.891,
141.018


 89, 89.922,
139.829


 91, 62.594,
142.116

 88, 101.136,
138.619


 93, 47.497,
143.089


 88, 109.943,
137.509

 95, 31.986,
143.933

 87, 115.831,
136.645

 97, 16.363,
144.660

 87, 118.627,
136.186

 99, 0.855, 145.620
100, 1.156,
324.215

Harmonies

Complementary

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



90, 76.891, 141.018



71, 76.381, 328.011

Rectangle

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



90, 76.891, 141.018



90, 76.891, 191.018



90, 76.891, 321.018



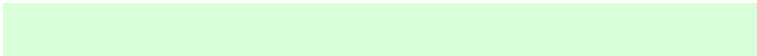
90, 76.891, 11.018

Sweetspot

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



90, 76.892, 141.018



97, 23.431, 144.350



97, 62.712, 106.142



51, 15.999, 144.196



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, 76.892, 141.018



89, 90.983, 139.773



91, 52.938, 159.093



52, 8.854, 144.732



68, 95.908, 136.258



22, 43.139, 137.362

Inverse Universe

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



71, 76.381, 328.011



67, 89.712, 328.473



69, 56.238, 350.230



50, 8.868, 325.793



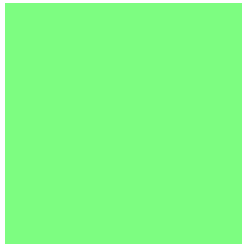
45, 90.835, 329.512



12, 41.912, 329.353

Previews

White Background



This preview shows how the CIE LCh color 90, 76.891, 141.018 looks on a white background.

Color Contrast Check

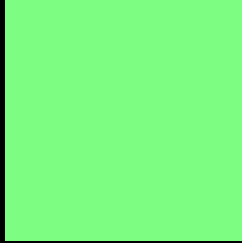
Large Text (above 18pt) WCAG AA × Fail

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, 76.891, 141.018 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, 76.891, 141.018

Background



This preview shows how black text looks on a background with the CIELCh color 90, 76.891, 141.018.

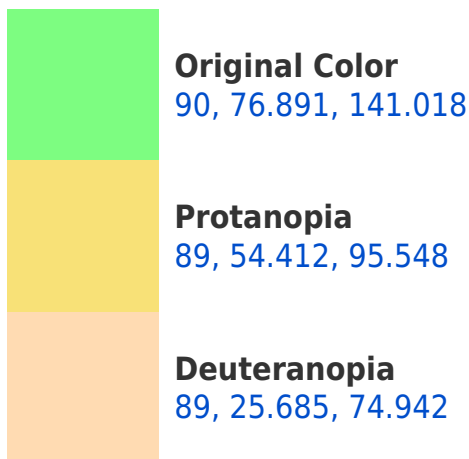


This preview shows how white text looks on a background with the CIELCh color 90, 76.891, 141.018.

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



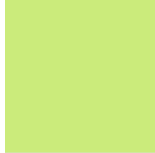


Tritanopia
90, 24.657, 220.549

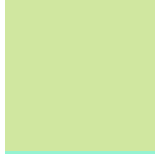
Trichromacy



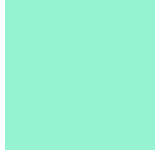
Original Color
90, 76.891, 141.018



Protanomaly
89, 57.522, 118.487



Deuteranomaly
88, 37.468, 120.969

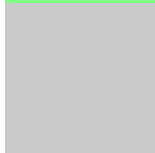


Tritanomaly
89, 36.237, 167.808

Monochromacy



Original Color
90, 76.891, 141.018



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 29.427, 144.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 76.891, 141.018 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(125, 253, 129)` looks like.

```
.text, #text, p{  
    color:rgb(125, 253, 129)  
}
```

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(125, 253, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 253, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 76.891, 141.018 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(125, 253, 129) }
```

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

```
.border{ border-color:rgb(125, 253, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 253, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 253, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 253, 129);  
box-shadow:4px 4px 4px 4px rgb(125, 253,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 76.891, 141.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 253, 129) }
```

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

```
.background{ background-color: rgb(125,  
253, 129) }
```

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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