

Converting Colors

CIELCh(90, 90.061, 136.278)

Have a look what the booklet for
CIELCh(90, 90.061, 136.278)
contains.

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Color

CIELCh(90, 90.061, 136.278)

Conversions

Conversions Part 1

Format	Color
Hex	79FF62
RGB	121, 255, 98
RGB Percent	47%, 100%, 38%
CMY	0.5264, 0.0009, 0.6165
CMYK	0.53, 0.00, 0.62, 0.00
HSL	111°, 100%, 69%
HSV	111°, 62%, 100%
XYZ	45.7354, 76.3034, 23.8211
YIQ	197.0360, -29.4670, -77.2350

Conversions

Conversions Part 2

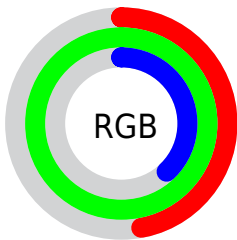
Format	Color
R_{YB}	98, 255, 232
Decimal	7995234
CIE Lab	90.00, -65.09, 62.25
CIE LCh	90, 90.061, 136.278
Yxy	76.3034, 0.3136, 0.5231
Android (android.graphics.Color)	4286185314 (0xFF79FF62)
YUV	197.0360, -48.8247, -66.6836
Hunter-Lab	87.3518, -59.4071, 44.9777

Details

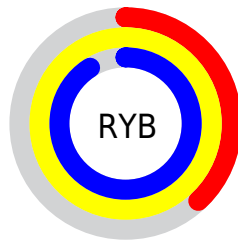
The CIELCh color **90, 90.061, 136.278** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **64, 90.863, 322.933**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 57.696, 134.413**, and **70, 89.881, 136.309** is the 20% darker color. If you saturate the color by 10%, you get **89, 101.282, 135.622**, and if you desaturate by 10%, it is **91, 77.094, 137.045**.

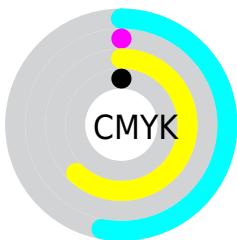
Distribution



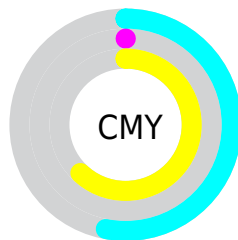
- Red (47%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (91%)



- Cyan (53%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)





- Cyan (53%)
- Magenta (0%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 90.061, 136.278 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, 90.061, 136.278 by changing the saturation by 10% instead.


 90, 90.061,
136.278


 90, 90.061,
136.278


 100, 90.061,
136.278


 80, 90.061,
136.278


 70, 90.061,
136.278

 60, 90.061,
136.278


 50, 90.061,
136.278

 40, 90.061,
136.278


 30, 90.061,
136.278


 20, 90.061,


136.278


 10, 90.061,
136.278


 0, 90.061, 136.278


 90, 90.061,
136.278


 90, 90.061,
136.278

 89, 101.282,
135.622


 91, 77.094,
137.045


 89, 110.088,
135.206

 92, 62.963,
137.825

 88, 115.919,
135.152

 94, 48.127,
138.562

 88, 118.609,
135.345

 96, 32.932,
139.230

■ 97, 17.637,
139.824

■ 100, 2.429,
140.427

■ 100, 0.146,
322.320

Harmonies

Complementary

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



90, 90.061, 136.278



64, 90.863, 322.933

Rectangle

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



90, 90.061, 136.278



90, 90.061, 186.278



90, 90.061, 316.278



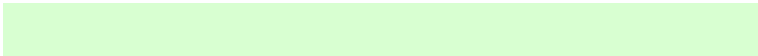
90, 90.061, 6.278

Sweetspot

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



90, 90.062, 136.279



96, 27.421, 139.453



91, 66.404, 96.199



51, 19.067, 139.275



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, 90.062, 136.279



89, 103.696, 135.495



90, 72.966, 149.720



52, 8.628, 139.941



68, 95.438, 135.223



23, 42.668, 134.756

Inverse Universe

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



64, 90.863, 322.933



59, 103.968, 323.091



65, 73.278, 342.044



50, 8.666, 320.817



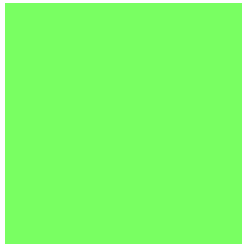
41, 94.183, 322.619



10, 43.240, 323.269

Previews

White Background



This preview shows how the CIE LCh color 90, 90.061, 136.278 looks on a white background.

Color Contrast Check

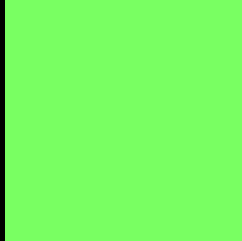
Large Text (above 18pt) WCAG AA × Fail

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, 90.061, 136.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

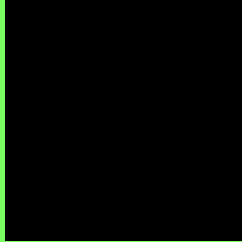
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

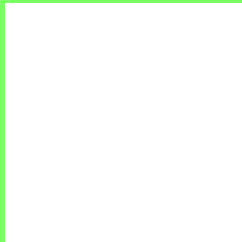
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 90.061, 136.278

Background



This preview shows how black text looks on a background with the CIELCh color 90, 90.061, 136.278.

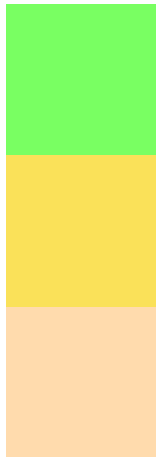


This preview shows how white text looks on a background with the CIELCh color 90, 90.061, 136.278.

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



Original Color

90, 90.061, 136.278

Protanopia

89, 67.661, 95.550

Deuteranopia

89, 27.931, 77.484

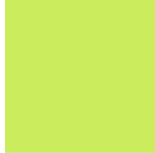


Tritanopia
90, 24.657, 220.549

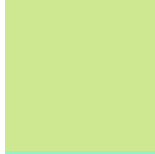
Trichromacy



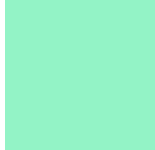
Original Color
90, 90.061, 136.278



Protanomaly
89, 71.225, 115.445



Deuteranomaly
88, 44.957, 119.740

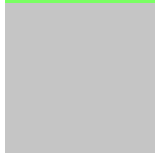


Tritanomaly
89, 40.318, 161.376

Monochromacy



Original Color
90, 90.061, 136.278



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 35.176, 139.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 90.061, 136.278 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(121, 255, 98)` looks like.

```
.text, #text, p{  
    color:rgb(121, 255, 98)  
}
```

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(121, 255, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 255, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 90.061, 136.278 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(121, 255, 98) }
```

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

```
.border{ border-color:rgb(121, 255, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 255, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 255, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 255, 98);  
box-shadow:4px 4px 4px 4px rgb(121, 255,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 90.061, 136.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 255, 98) }
```

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

```
.background{ background-color: rgb(121,  
255, 98) }
```

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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