

Converting Colors

CIELCh(90, 82.241, 138.195)

Have a look what the booklet for
CIELCh(90, 82.241, 138.195)
contains.

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Color

CIELCh(90, 82.601, 138.246)

Conversions

Conversions Part 1

Format	Color
Hex	7EFE73
RGB	126, 254, 115
RGB Percent	49%, 100%, 45%
CMY	0.5073, 0.0053, 0.5502
CMYK	0.50, 0.00, 0.55, 0.01
HSL	115°, 98%, 72%
HSV	115°, 55%, 99%
XYZ	46.9599, 76.3034, 28.3773
YIQ	199.8820, -31.6690, -70.3650

Conversions

Conversions Part 2

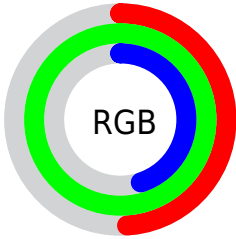
Format	Color
RYB	115, 254, 243
Decimal	8322675
CIELab	90.00, -61.62, 55.01
CIELCh	90, 82.601, 138.246
Yxy	76.3034, 0.3097, 0.5032
Android (android.graphics.Color)	4286512755 (0xFF7EFE73)
YUV	199.8820, -41.8468, -64.7945
Hunter-Lab	87.3518, -56.9048, 41.8852

Details

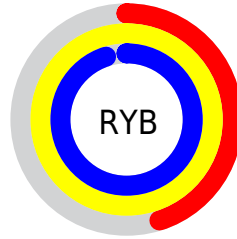
The CIELCh color **90, 82.601, 138.246** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **68, 82.684, 324.844**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 50.080, 137.317**, and **70, 82.468, 138.260** is the 20% darker color. If you saturate the color by 10%, you get **89, 95.077, 137.327**, and if you desaturate by 10%, it is **91, 68.677, 139.171**.

Distribution



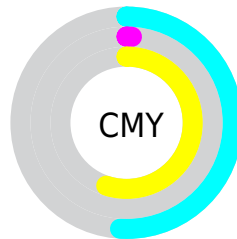
- Red (49%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (55%)
- Black (1%)




- Cyan (51%)
- Magenta (1%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 82.601, 138.246 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, 82.601, 138.246 by changing the saturation by 10% instead.


 90, 82.601,
138.246


 90, 82.601,
138.246


 100, 82.601,
138.246


 80, 82.601,
138.246

 70, 82.601,
138.246

 60, 82.601,
138.246


 50, 82.601,
138.246

 40, 82.601,
138.246

 30, 82.601,
138.246


 20, 82.601,


138.246


 10, 82.601,
138.246


 0, 82.601, 138.246


 90, 82.601,
138.246


 90, 82.601,
138.246


 89, 95.077,
137.327


 91, 68.677,
139.171


 88, 105.469,
136.521

 93, 53.825,
140.035

 88, 113.120,
135.968

 94, 38.459,
140.811

 87, 117.600,
135.778

 96, 22.893,
141.491

■ 87, 118.886,
135.763

■ 98, 7.361, 142.098
100, 0.841,
324.103

Harmonies

Complementary

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



90, 82.601, 138.246



68, 82.684, 324.844

Rectangle

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



90, 82.601, 138.246



90, 82.601, 188.246



90, 82.601, 318.246



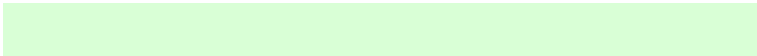
90, 82.601, 8.246

Sweetspot

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



90, 82.602, 138.247



96, 24.890, 141.413



94, 62.925, 100.832



51, 16.816, 141.278



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, 82.602, 138.247



89, 96.869, 137.219



90, 62.068, 153.601



52, 8.814, 141.816



68, 96.040, 135.687



23, 43.186, 135.689

Inverse Universe

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



68, 82.684, 324.844



64, 96.398, 325.158



67, 63.817, 344.843



50, 8.840, 322.764



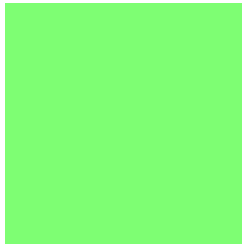
43, 93.533, 325.154



11, 42.996, 325.518

Previews

White Background



This preview shows how the CIE LCh color 90, 82.601, 138.246 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, 82.601, 138.246 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, 82.601, 138.246

Background



This preview shows how black text looks on a background with the CIELCh color 90, 82.601, 138.246.

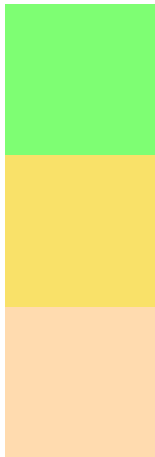


This preview shows how white text looks on a background with the CIELCh color 90, 82.601, 138.246.

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, 82.601, 138.246

Protanopia
89, 60.811, 95.591

Deuteranopia
89, 27.026, 76.523

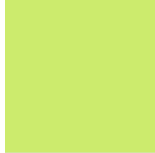


Tritanopia
90, 24.411, 220.802

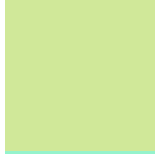
Trichromacy



Original Color
90, 82.601, 138.246



Protanomaly
89, 63.613, 116.498



Deuteranomaly
89, 41.409, 119.970

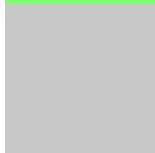


Tritanomaly
89, 37.824, 164.532

Monochromacy



Original Color
90, 82.601, 138.246



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 32.048, 140.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 82.601, 138.246 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(126, 254, 115)` looks like.

```
.text, #text, p{  
    color:rgb(126, 254, 115)  
}
```

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(126, 254, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 254, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 82.601, 138.246 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(126, 254, 115) }
```

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

```
.border{ border-color:rgb(126, 254, 115) }
```

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

Here you see how a box with a 4 pixel rgb(126, 254, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 254, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 254, 115);  
box-shadow:4px 4px 4px 4px rgb(126, 254,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 82.601, 138.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 254, 115) }
```

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

```
.background{ background-color: rgb(126,  
254, 115) }
```

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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