

Converting Colors

CIELCh(91, 86.740, 132.586)

Have a look what the booklet for
CIELCh(91, 86.740, 132.586)
contains.

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Color

CIELCh(91, 86.641, 132.484)

Conversions

Conversions Part 1

Format	Color
Hex	91FF61
RGB	145, 255, 97
RGB Percent	57%, 100%, 38%
CMY	0.4310, 0.0000, 0.6192
CMYK	0.43, 0.00, 0.62, 0.00
HSL	102°, 100%, 69%
HSV	102°, 62%, 100%
XYZ	49.6528, 78.4833, 23.8661
YIQ	204.0980, -14.8420, -72.4580

Conversions

Conversions Part 2

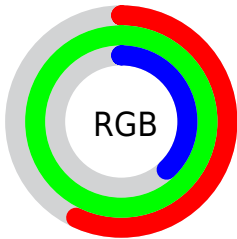
Format	Color
RYB	97, 255, 207
Decimal	9568097
CIELab	91.00, -58.52, 63.89
CIELCh	91, 86.641, 132.484
Yxy	78.4833, 0.3267, 0.5163
Android (android.graphics.Color)	4287758177 (0xFF91FF61)
YUV	204.0980, -52.7993, -51.8289
Hunter-Lab	88.5908, -54.9894, 46.0410

Details

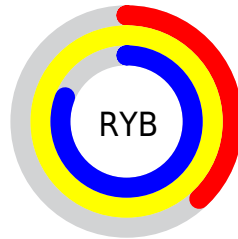
The CIELCh color **91, 86.641, 132.484** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **61, 90.369, 318.035**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 54.491, 126.823**, and **71, 86.416, 132.525** is the 20% darker color. If you saturate the color by 10%, you get **90, 97.607, 132.196**, and if you desaturate by 10%, it is **92, 74.024, 132.946**.

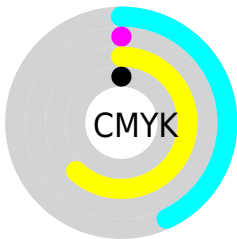
Distribution



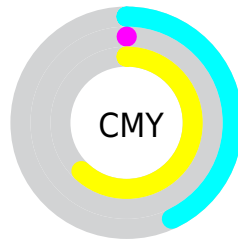
- Red (57%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (81%)



- Cyan (43%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 86.641, 132.484 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 91, 86.641, 132.484 by changing the saturation by 10% instead.


 91, 86.641,
132.484


 91, 86.641,
132.484

 100, 86.641,
132.484

 81, 86.641,
132.484


 71, 86.641,
132.484

 61, 86.641,
132.484

 51, 86.641,
132.484

 41, 86.641,
132.484


 31, 86.641,
132.484

 21, 86.641,


132.484


 11, 86.641,
132.484


 1, 86.641, 132.484


 91, 86.641,
132.484


 91, 86.641,
132.484


 90, 97.607,
132.196


 92, 74.024,
132.946


 89, 106.450,
132.227

 93, 60.460,
133.493

 89, 112.572,
132.688

 95, 46.300,
134.055

 89, 115.633,
133.326

 96, 31.834,
134.594

■ 98, 17.271,
135.095

■ 100, 2.758,
135.606

■ 100, 0.012,
296.813

Harmonies

Complementary

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



91, 86.641, 132.484



61, 90.369, 318.035

Rectangle

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



91, 86.641, 132.484



91, 86.641, 182.484



91, 86.641, 312.484



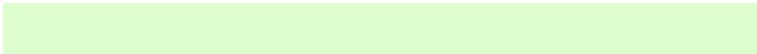
91, 86.641, 2.484

Sweetspot

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



91, 86.585, 132.480



97, 27.586, 134.745



85, 59.460, 84.033



51, 18.992, 134.597



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 86.585, 132.480



90, 99.648, 132.172



90, 83.347, 143.819



52, 8.230, 135.211



68, 92.885, 133.108



23, 41.282, 131.993

Inverse Universe

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



61, 90.369, 318.035



55, 104.246, 318.133



66, 81.929, 334.100



50, 8.298, 315.992



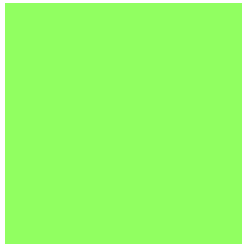
36, 96.535, 317.215



8, 44.118, 318.391

Previews

White Background



This preview shows how the CIELCh color 91, 86.641, 132.484 looks on a white background.

Color Contrast Check

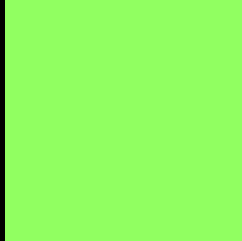
Large Text (above 18pt) WCAG AA × Fail

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 91, 86.641, 132.484 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

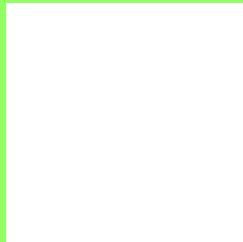
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 86.641, 132.484

Background



This preview shows how black text looks on a background with the CIELCh color 91, 86.641, 132.484.

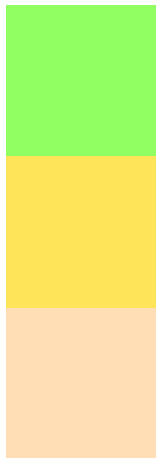


This preview shows how white text looks on a background with the CIELCh color 91, 86.641, 132.484.

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


91, 86.641, 132.484

Protanopia

90, 68.913, 95.330

Deuteranopia

90, 24.498, 76.690



Tritanopia
91, 20.455, 224.051

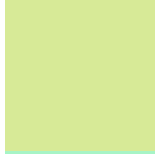
Trichromacy



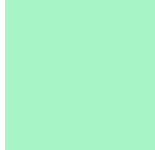
Original Color
91, 86.641, 132.484



Protanomaly
90, 71.341, 112.448

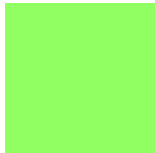


Deuteranomaly
90, 42.861, 116.785

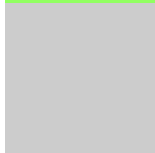


Tritanomaly
90, 36.143, 155.951

Monochromacy



Original Color
91, 86.641, 132.484



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 33.817, 134.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 86.641, 132.484 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(145, 255, 97)` looks like.

```
.text, #text, p{  
    color:rgb(145, 255, 97)  
}
```

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(145, 255, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 255, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 86.641, 132.484 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(145, 255, 97) }
```

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

```
.border{ border-color:rgb(145, 255, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 255, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 255, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 255, 97);  
box-shadow:4px 4px 4px 4px rgb(145, 255,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 86.641, 132.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 255, 97) }
```

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

```
.background{ background-color: rgb(145,  
255, 97) }
```

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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