

Converting Colors

CIELCh(100, 104.297, 133.733)

Have a look what the booklet for
CIELCh(100, 104.297, 133.733)
contains.

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Color

CIELCh(91, 89.180, 132.657)

Conversions

Conversions Part 1

Format	Color
Hex	8DFF5D
RGB	141, 255, 93
RGB Percent	55%, 100%, 36%
CMY	0.4477, 0.0000, 0.6361
CMYK	0.45, 0.00, 0.64, 0.00
HSL	102°, 100%, 68%
HSV	102°, 64%, 100%
XYZ	48.9485, 78.4833, 22.8765
YIQ	202.4460, -15.9420, -74.5500

Conversions

Conversions Part 2

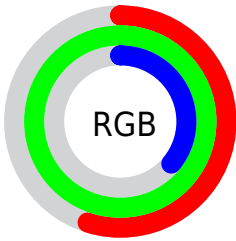
Format	Color
RYB	93, 255, 207
Decimal	9305949
CIELab	91.00, -60.43, 65.59
CIElCh	91, 89.180, 132.657
Yxy	78.4833, 0.3257, 0.5221
Android (android.graphics.Color)	4287496029 (0xFF8DFF5D)
YUV	202.4460, -53.9569, -53.8881
Hunter-Lab	88.5908, -56.4085, 46.7033

Details

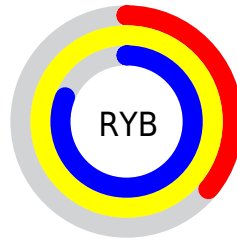
The CIELCh color **91, 89.180, 132.657** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **60, 92.521, 318.304**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 56.840, 127.437**, and **71, 88.648, 132.586** is the 20% darker color. If you saturate the color by 10%, you get **90, 99.485, 132.368**, and if you desaturate by 10%, it is **92, 76.407, 133.078**.

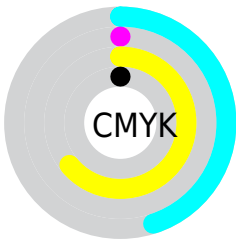
Distribution



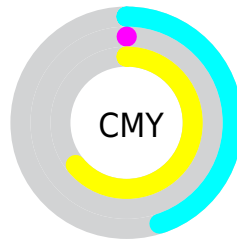
- Red (55%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (81%)



- Cyan (45%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 89.180, 132.657 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, 89.180, 132.657 by changing the saturation by 10% instead.

■ 91, 89.180,
132.657

■ 91, 89.180,
132.657

■ 100, 89.180,
132.657

■ 81, 89.180,
132.657

■ 71, 89.180,
132.657

■ 61, 89.180,
132.657

■ 51, 89.180,
132.657

■ 41, 89.180,
132.657

■ 31, 89.180,
132.657

■ 21, 89.180,

132.657

■ 11, 89.180,
132.657

■ 1, 89.180, 132.657

■ 91, 89.180,
132.657

■ 91, 89.180,
132.657

■ 90, 99.485,
132.368

■ 92, 76.407,
133.078

■ 89, 107.903,
132.447

■ 93, 62.952,
133.626

■ 89, 113.531,
132.965

■ 94, 48.837,
134.196

■ 88, 115.831,
133.464

■ 96, 34.371,
134.746

■ 97, 19.777,
135.257

■ 99, 5.214, 135.744

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, 89.180, 132.657



60, 92.521, 318.304

Rectangle

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



91, 89.180, 132.657



91, 89.180, 182.657



91, 89.180, 312.657



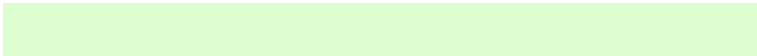
91, 89.180, 2.657

Sweetspot

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



91, 88.773, 132.623



97, 27.649, 134.987



85, 61.600, 85.135



51, 19.036, 134.839



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, 88.773, 132.623



90, 101.730, 132.351



90, 84.243, 144.087



52, 8.248, 135.456



68, 93.047, 133.250



23, 41.360, 132.162

Inverse Universe

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



60, 92.521, 318.304



55, 106.158, 318.355



65, 82.651, 334.937



50, 8.315, 316.239



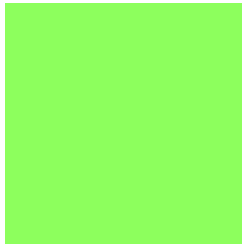
36, 96.396, 317.461



8, 44.066, 318.617

Previews

White Background



This preview shows how the CIE LCh color 91, 89.180, 132.657 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, 89.180, 132.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

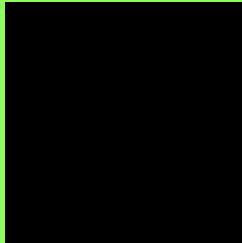
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

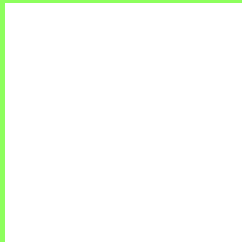
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 89.180, 132.657

Background



This preview shows how black text looks on a background with the CIELCh color 91, 89.180, 132.657.

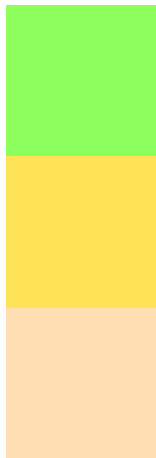


This preview shows how white text looks on a background with the CIELCh color 91, 89.180, 132.657.

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, 88.678, 132.624

Protanopia

90, 70.110, 95.348

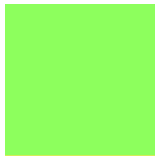
Deuteranopia

90, 25.401, 77.762



Tritanopia
91, 21.230, 223.007

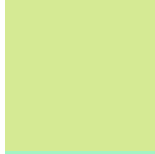
Trichromacy



Original Color
91, 88.678, 132.624



Protanomaly
90, 72.585, 112.544



Deuteranomaly
89, 44.460, 117.348

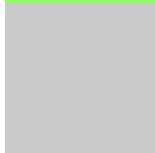


Tritanomaly
90, 37.833, 155.987

Monochromacy



Original Color
91, 88.678, 132.624



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 34.510, 134.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 89.180, 132.657 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(141, 255, 93)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 93)  
}
```

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(141, 255, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 89.180, 132.657 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(141, 255, 93) }
```

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

```
.border{ border-color:rgb(141, 255, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 255, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 93);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 89.180, 132.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 93) }
```

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

```
.background{ background-color: rgb(141,  
255, 93) }
```

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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