

Converting Colors

CIELCh(91, 102.165, 126.244)

Have a look what the booklet for
CIELCh(91, 102.165, 126.244)
contains.

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Color

CIELCh(91, 101.917, 126.154)

Conversions

Conversions Part 1

Format	Color
Hex	97FF27
RGB	151, 255, 39
RGB Percent	59%, 100%, 15%
CMY	0.4066, 0.0000, 0.8451
CMYK	0.41, 0.00, 0.85, 0.00
HSL	89°, 100%, 58%
HSV	89°, 85%, 100%
XYZ	49.0594, 78.4833, 14.5249
YIQ	199.2800, 7.3520, -89.2240

Conversions

Conversions Part 2

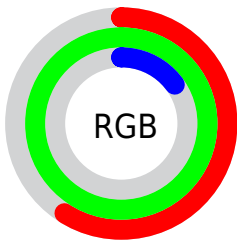
Format	Color
R_{YB}	39, 255, 143
Decimal	9961255
CIE _{Lab}	91.00, -60.13, 82.29
CIE _{LCh}	91, 101.917, 126.154
Yxy	78.4833, 0.3453, 0.5524
Android (android.graphics.Color)	4288151335 (0xFF97FF27)
YUV	199.2800, -79.0180, -42.3416
Hunter-Lab	88.5908, -56.1851, 52.2927

Details

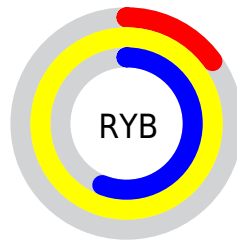
The CIELCh color **91, 101.917, 126.154** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **45, 116.412, 312.044**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 73.457, 118.242**, and **71, 91.274, 129.620** is the 20% darker color. If you saturate the color by 10%, you get **90, 106.868, 127.058**, and if you desaturate by 10%, it is **92, 94.082, 125.695**.

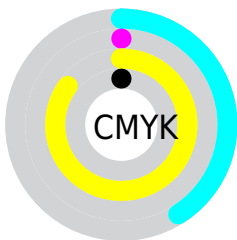
Distribution



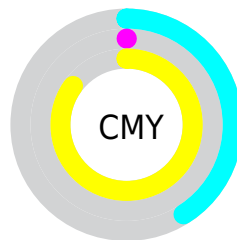
- Red (59%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 101.917, 126.154 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, 101.917, 126.154 by changing the saturation by 10% instead.

■ 91, 101.917,
126.154

■ 91, 101.917,
126.154

■ 100, 101.917,
126.154

■ 81, 101.917,
126.154

■ 71, 101.917,
126.154

■ 61, 101.917,
126.154

■ 51, 101.917,
126.154

■ 41, 101.917,
126.154

■ 31, 101.917,
126.154

■ 21, 101.917,

126.154

■ 11, 101.917,
126.154

■ 1, 101.917,
126.154

■ 91, 101.917,
126.154

■ 91, 101.917,
126.154

■ 90, 106.868,
127.058

■ 92, 94.082,
125.695

■ 90, 108.759,
127.730

■ 92, 84.200,
125.663

■ 93, 72.737,
125.897

■ 94, 60.232,
126.288

95, 47.085,
126.756

97, 33.575,
127.251

98, 19.892,
127.743

99, 6.167, 128.225

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, 101.917, 126.154



45, 116.412, 312.044

Rectangle

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



91, 101.917, 126.154



91, 101.917, 176.154



91, 101.917, 306.154



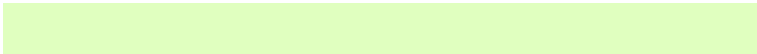
91, 101.917, 356.154

Sweetspot

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



91, 101.779, 126.126



96, 34.241, 127.226



70, 77.005, 60.998



51, 23.337, 127.052



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, 101.779, 126.126



90, 108.759, 127.730



88, 114.100, 136.417



53, 7.788, 127.984



69, 87.360, 127.443



24, 38.886, 125.880

Inverse Universe

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



45, 116.412, 312.044



40, 125.569, 311.253



60, 111.220, 326.923



49, 7.901, 308.832



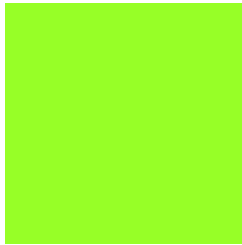
30, 100.943, 311.448



6, 44.915, 312.358

Previews

White Background



This preview shows how the CIE LCh color 91, 101.917, 126.154 looks on a white background.

Color Contrast Check

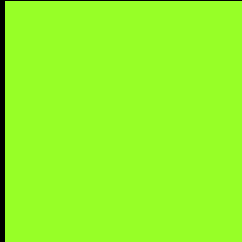
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 101.917, 126.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

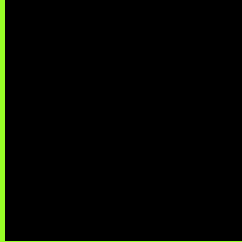
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 101.917, 126.154

Background



This preview shows how black text looks on a background with the CIELCh color 91, 101.917, 126.154.

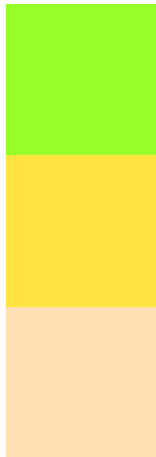


This preview shows how white text looks on a background with the CIELCh color 91, 101.917, 126.154.

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, 101.917, 126.154

Protanopia

90, 77.761, 95.267

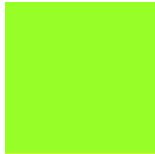
Deuteranopia

90, 26.087, 79.520



Tritanopia
91, 19.357, 227.474

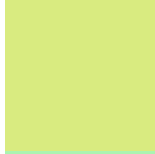
Trichromacy



Original Color
91, 101.917, 126.154



Protanomaly
90, 83.534, 109.566

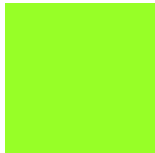


Deuteranomaly
90, 54.153, 113.507

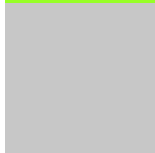


Tritanomaly
90, 43.578, 144.572

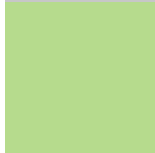
Monochromacy



Original Color
91, 101.917, 126.154



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 42.856, 126.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 101.917, 126.154 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(151, 255, 39)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 39)  
}
```

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(151, 255, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 101.917, 126.154 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(151, 255, 39) }
```

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

```
.border{ border-color:rgb(151, 255, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 255, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 39);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 101.917, 126.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 39) }
```

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

```
.background{ background-color: rgb(151,  
255, 39) }
```

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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