

Converting Colors

CIELCh(91, 102.127, 124.027)

Have a look what the booklet for
CIELCh(91, 102.127, 124.027)
contains.

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Color

CIELCh(91, 102.105, 124.016)

Conversions

Conversions Part 1

Format	Color
Hex	A0FE1B
RGB	160, 254, 27
RGB Percent	63%, 100%, 11%
CMY	0.3723, 0.0037, 0.8935
CMYK	0.37, 0.00, 0.89, 0.00
HSL	85°, 99%, 55%
HSV	85°, 89%, 100%
XYZ	50.1710, 78.4833, 13.5491
YIQ	200.0160, 16.8430, -90.5250

Conversions

Conversions Part 2

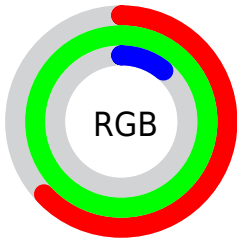
Format	Color
R _Y B	27, 254, 121
Decimal	10550811
CIE Lab	91.00, -57.12, 84.63
CIE LCh	91, 102.105, 124.016
Yxy	78.4833, 0.3528, 0.5519
Android (android.graphics.Color)	4288740891 (0xFFA0FE1B)
YUV	200.0160, -85.2969, -35.0940
Hunter-Lab	88.5908, -53.9453, 52.9457

Details

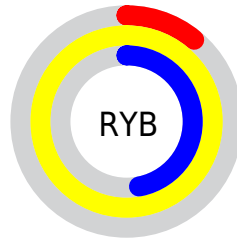
The CIELCh color **91, 102.105, 124.016** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle washed chartreuse. A complement of this color would be **41, 121.186, 310.442**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 75.032, 115.079**, and **71, 89.819, 128.032** is the 20% darker color. If you saturate the color by 10%, you get **90, 105.826, 125.159**, and if you desaturate by 10%, it is **92, 95.906, 123.353**.

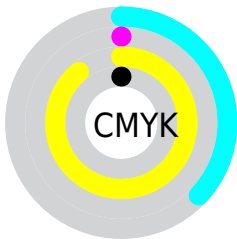
Distribution



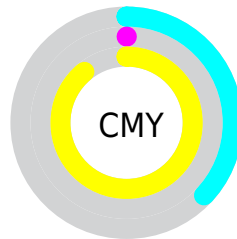
- Red (63%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (47%)



- Cyan (37%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 102.105, 124.016 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, 102.105, 124.016 by changing the saturation by 10% instead.

■ 91, 102.105,
124.016

■ 91, 102.105,
124.016

■ 100, 102.105,
124.016

■ 81, 102.105,
124.016

■ 71, 102.105,
124.016

■ 61, 102.105,
124.016


■ 51, 102.105,
124.016


■ 41, 102.105,
124.016


■ 31, 102.105,
124.016


■ 21, 102.105,


124.016


 11, 102.105,
124.016


 1, 102.105,
124.016


 91, 102.105,
124.016


 91, 102.105,
124.016


 90, 105.826,
125.159

 92, 95.906,
123.353

 90, 106.043,
125.241

 92, 87.283,
123.142

 93, 76.795,
123.263

 94, 65.024,
123.592

■ 95, 52.434,
124.040

■ 96, 39.354,
124.543

■ 97, 26.007,
125.062

■ 98, 12.543,
125.574

100, 0.550,
317.575

Harmonies

Complementary

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



91, 102.105, 124.016



41, 121.186, 310.442

Rectangle

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



91, 102.105, 124.016



91, 102.105, 174.016



91, 102.105, 304.016



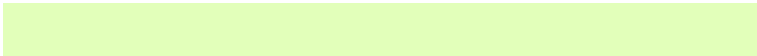
91, 102.105, 354.016

Sweetspot

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



91, 102.105, 124.017



97, 36.389, 124.662



65, 82.653, 54.796



51, 24.483, 124.486



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, 102.105, 124.017



91, 106.340, 125.245



88, 115.386, 135.637



53, 7.678, 125.565



70, 85.446, 124.960



24, 38.135, 123.399

Inverse Universe

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



41, 121.186, 310.442



38, 127.369, 309.914



57, 113.318, 324.537



49, 7.804, 306.487



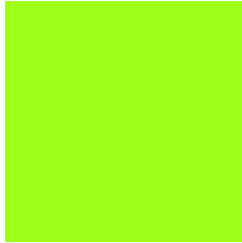
28, 102.375, 310.100



5, 44.907, 310.565

Previews

White Background



This preview shows how the CIE LCh color 91, 102.105, 124.016 looks on a white background.

Color Contrast Check

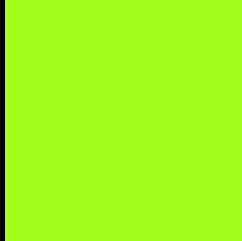
Large Text (above 18pt) WCAG AA × Fail

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, 102.105, 124.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

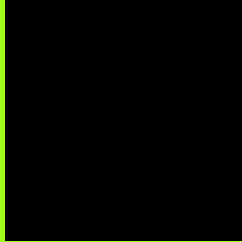
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 102.105, 124.016

Background



This preview shows how black text looks on a background with the CIELCh color 91, 102.105, 124.016.

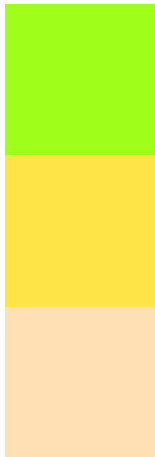


This preview shows how white text looks on a background with the CIELCh color 91, 102.105, 124.016.

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, 102.105, 124.016

Protanopia

90, 75.393, 95.210

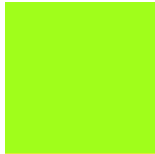
Deuteranopia

90, 25.627, 79.042

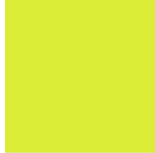


Tritanopia
91, 18.315, 231.318

Trichromacy



Original Color
91, 102.105, 124.016



Protanomaly
90, 83.015, 108.464



Deuteranomaly
90, 55.363, 111.566

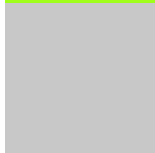


Tritanomaly
90, 43.878, 140.694

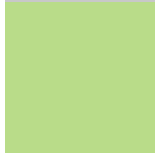
Monochromacy



Original Color
91, 102.105, 124.016



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 44.918, 124.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 102.105, 124.016 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(160, 254, 27)` looks like.

```
.text, #text, p{  
    color:rgb(160, 254, 27)  
}
```

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(160, 254, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 254, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 102.105, 124.016 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(160, 254, 27) }
```

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

```
.border{ border-color:rgb(160, 254, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 254, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 254, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 254, 27);  
box-shadow:4px 4px 4px 4px rgb(160, 254,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 102.105, 124.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 254, 27) }
```

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

```
.background{ background-color: rgb(160,  
254, 27) }
```

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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