

Converting Colors

CIELCh(92, 102.895, 120.902)

Have a look what the booklet for
CIELCh(92, 102.895, 120.902)
contains.

CIELCh(92, 102.777, 120.844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(92, 102.777, 120.844)

Conversions

Conversions Part 1

Format	Color
Hex	AFFF01
RGB	175, 255, 1
RGB Percent	69%, 100%, 0%
CMY	0.3134, 0.0000, 0.9946
CMYK	0.31, 0.00, 0.99, 0.00
HSL	79°, 100%, 50%
HSV	79°, 99%, 100%
XYZ	53.4959, 80.7044, 12.7967
YIQ	202.1240, 33.8540, -95.9540

Conversions

Conversions Part 2

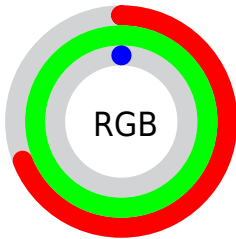
Format	Color
R_{YB}	1, 255, 81
Decimal	11534081
CIE _{Lab}	92.00, -52.69, 88.24
CIE _{LCh}	92, 102.777, 120.844
Yxy	80.7044, 0.3639, 0.5490
Android (android.graphics.Color)	4289724161 (0xFFAFF01)
YUV	202.1240, -99.1541, -23.7877
Hunter-Lab	89.8356, -50.9180, 54.4394

Details

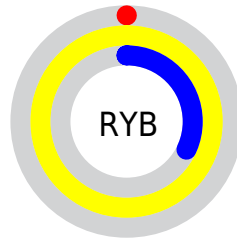
The CIELCh color **92, 102.777, 120.844** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **36, 129.552, 308.360**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 76.802, 110.148**, and **72, 88.008, 125.392** is the 20% darker color. If you saturate the color by 10%, you get **92, 102.888, 120.893**, and if you desaturate by 10%, it is **92, 99.476, 119.799**.

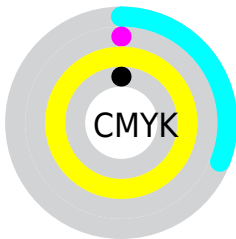
Distribution



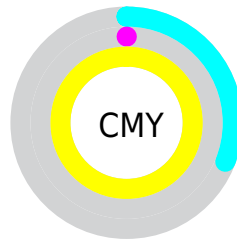
- Red (69%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (32%)



- Cyan (31%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 102.777, 120.844 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 92, 102.777, 120.844 by changing the saturation by 10% instead.


 92, 102.777,
120.844


 92, 102.777,
120.844


 100, 102.777,
120.844


 82, 102.777,
120.844


 72, 102.777,
120.844

 62, 102.777,
120.844

 52, 102.777,
120.844

 42, 102.777,
120.844

 32, 102.777,
120.844

 22, 102.777,

120.844

■ 12, 102.777,
120.844

■ 2, 102.777,
120.844

■ 92, 102.777,
120.844

■ 92, 102.777,
120.844

■ 92, 102.888,
120.893

■ 92, 99.476,
119.799

■ 93, 93.723,
119.219

■ 94, 85.507,
119.072

■ 94, 75.384,
119.242

■ 95, 63.946,
119.620

■ 96, 51.663,
120.118

■ 97, 38.866,
120.679

■ 98, 25.776,
121.261

■ 99, 12.543,
121.842

Harmonies

Complementary

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



92, 102.777, 120.844



36, 129.552, 308.360

Rectangle

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



92, 102.777, 120.844



92, 102.777, 170.844



92, 102.777, 300.844



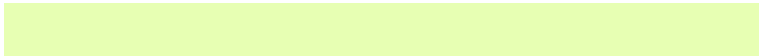
92, 102.777, 350.844

Sweetspot

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



92, 102.739, 120.833



97, 39.571, 120.647



59, 94.858, 46.839



51, 26.922, 120.407



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 102.739, 120.833



92, 102.888, 120.893



88, 117.716, 134.814



53, 7.541, 121.839



71, 82.729, 120.635



24, 37.114, 119.224

Inverse Universe

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



36, 129.552, 308.360



36, 129.824, 308.346



52, 117.705, 320.594



49, 7.683, 302.918



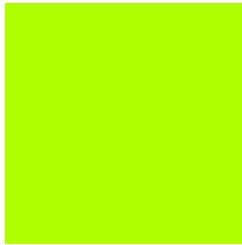
26, 104.349, 308.505



5, 44.780, 308.065

Previews

White Background



This preview shows how the CIELCh color 92, 102.777, 120.844 looks on a white background.

Color Contrast Check

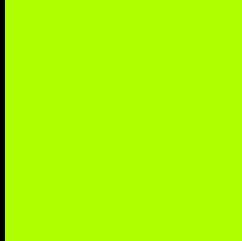
Large Text (above 18pt) WCAG AA × Fail

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 92, 102.777, 120.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

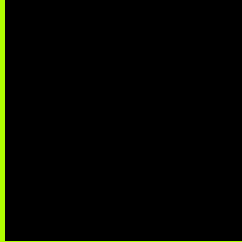
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 102.777, 120.844

Background



This preview shows how black text looks on a background with the CIELCh color 92, 102.777, 120.844.

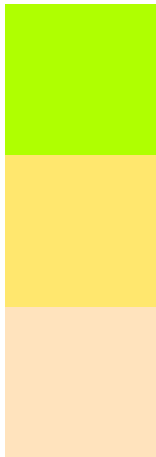


This preview shows how white text looks on a background with the CIELCh color 92, 102.777, 120.844.

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

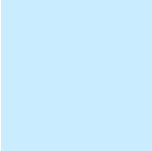
92, 102.777, 120.844

Protanopia

91, 61.097, 95.771

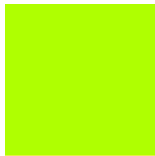
Deuteranopia

92, 22.452, 79.751



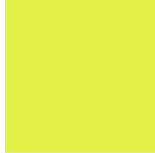
Tritanopia
92, 14.830, 237.923

Trichromacy



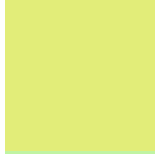
Original Color

92, 102.777, 120.844



Protanomaly

91, 79.319, 108.095



Deuteranomaly

91, 57.908, 109.940



Tritanomaly

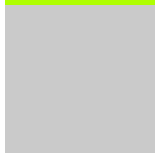
91, 45.705, 132.305

Monochromacy



Original Color

92, 102.777, 120.844



Achromatopsia

81, 0.010, 296.813



Achromatomaly

84, 48.444, 120.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 102.777, 120.844 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(175, 255, 1)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 1)  
}
```

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(175, 255, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 102.777, 120.844 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(175, 255, 1) }
```

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

```
.border{ border-color:rgb(175, 255, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 255, 1); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 255, 1); box-shadow:4px 4px 4px 4px rgb(175, 255, 1) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 102.777, 120.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 1) }
```

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

```
.background{ background-color: rgb(175,  
255, 1) }
```

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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