

Converting Colors

CIE LCh(92, 82.111, 126.366)

Have a look what the booklet for
CIELCh(92, 82.111, 126.366)
contains.

CIELCh(92, 82.216, 126.254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 82.216, 126.254)

Conversions

Conversions Part 1

Format	Color
Hex	AFFE5F
RGB	175, 254, 95
RGB Percent	69%, 100%, 37%
CMY	0.3143, 0.0045, 0.6280
CMYK	0.31, 0.00, 0.63, 0.00
HSL	90°, 99%, 68%
HSV	90°, 63%, 100%
XYZ	55.0955, 80.7044, 23.4645
YIQ	212.2530, 3.9550, -66.1970

Conversions

Conversions Part 2

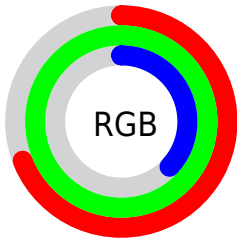
Format	Color
R_{YB}	95, 254, 174
Decimal	11533919
CIE Lab	92.00, -48.62, 66.30
CIE LCh	92, 82.216, 126.254
Yxy	80.7044, 0.3459, 0.5067
Android (android.graphics.Color)	4289723999 (0xFFAFFE5F)
YUV	212.2530, -57.8057, -32.6709
Hunter-Lab	89.8356, -47.7397, 47.3988

Details

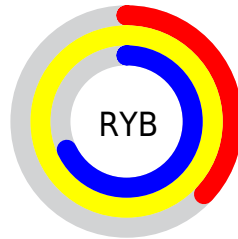
The CIELCh color **92, 82.216, 126.254** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **56, 90.567, 312.132**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 52.352, 115.280**, and **72, 82.352, 126.288** is the 20% darker color. If you saturate the color by 10%, you get **91, 92.468, 126.221**, and if you desaturate by 10%, it is **93, 70.501, 126.531**.

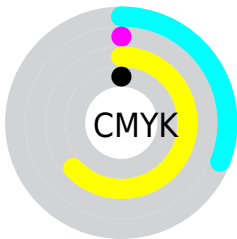
Distribution



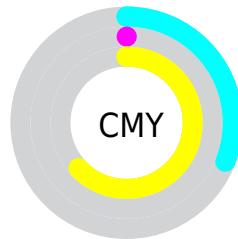
- Red (69%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (68%)



- Cyan (31%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 82.216, 126.254 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, 82.216, 126.254 by changing the saturation by 10% instead.


 92, 82.216,
126.254


 92, 82.216,
126.254


 100, 82.216,
126.254


 82, 82.216,
126.254

 72, 82.216,
126.254

 62, 82.216,
126.254

 52, 82.216,
126.254

 42, 82.216,
126.254

 32, 82.216,
126.254

 22, 82.216,

126.254

■ 12, 82.216,
126.254

■ 2, 82.216, 126.254

■ 92, 82.216,
126.254

■ 92, 82.216,
126.254

■ 91, 92.468,
126.221

■ 93, 70.501,
126.531

■ 91, 100.649,
126.560

■ 94, 57.832,
126.943

■ 90, 106.276,
127.385

■ 95, 44.586,
127.418

■ 90, 108.949,
128.262

■ 96, 31.021,
127.912

■ 98, 17.315,
128.397

■ 99, 3.593, 128.884

100, 0.723,
324.039

Harmonies

Complementary

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



92, 82.216, 126.254



56, 90.567, 312.132

Rectangle

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



92, 82.216, 126.254



92, 82.216, 176.254



92, 82.216, 306.254



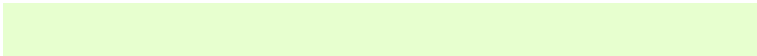
92, 82.216, 356.254

Sweetspot

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



92, 82.217, 126.255



97, 26.145, 128.090



77, 55.914, 65.819



51, 17.990, 127.950



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, 82.217, 126.255



91, 94.954, 126.263



89, 93.962, 138.586



53, 7.816, 128.546



69, 87.812, 127.981



23, 39.068, 126.428

Inverse Universe

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



56, 90.567, 312.132



50, 106.605, 312.468



66, 92.928, 327.036



49, 7.926, 309.381



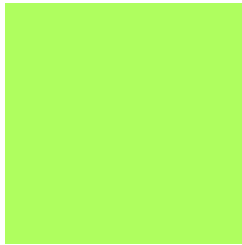
30, 100.600, 311.800



6, 44.903, 312.792

Previews

White Background



This preview shows how the CIE LCh color 92, 82.216, 126.254 looks on a white background.

Color Contrast Check

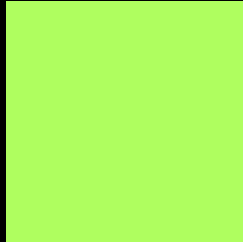
Large Text (above 18pt) WCAG AA × Fail

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 92, 82.216, 126.254 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, 82.216, 126.254

Background



This preview shows how black text looks on a background with the CIELCh color 92, 82.216, 126.254.

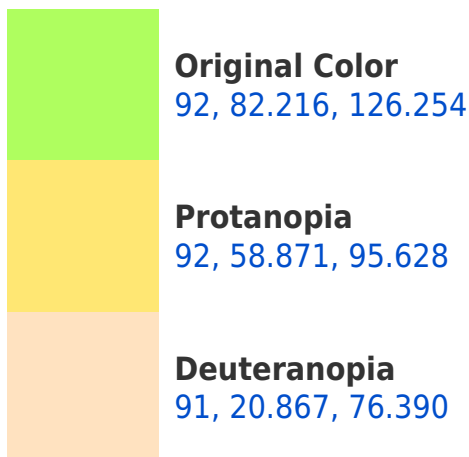


This preview shows how white text looks on a background with the CIELCh color 92, 82.216, 126.254.

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](#).

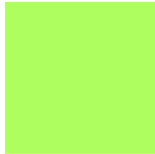
Dichromacy



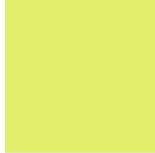


Tritanopia
92, 15.073, 237.166

Trichromacy



Original Color
92, 82.216, 126.254



Protanomaly
91, 64.574, 109.742

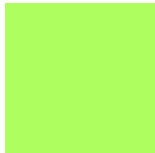


Deuteranomaly
91, 40.330, 112.527

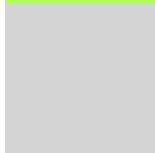


Tritanomaly
91, 30.367, 146.286

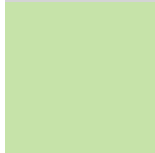
Monochromacy



Original Color
92, 82.216, 126.254



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 31.991, 127.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 82.216, 126.254 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, 254, 95)` looks like.

```
.text, #text, p{  
    color:rgb(175, 254, 95)  
}
```

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, 254, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 254, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 82.216, 126.254 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, 254, 95) }
```

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

```
.border{ border-color:rgb(175, 254, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 254, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 254, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 254, 95);  
box-shadow:4px 4px 4px 4px rgb(175, 254,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 82.216, 126.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 254, 95) }
```

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

```
.background{ background-color: rgb(175,  
254, 95) }
```

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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