

Converting Colors

CIELCh(100, 91.096, 130.267)

Have a look what the booklet for
CIELCh(100, 91.096, 130.267)
contains.

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Color

CIELCh(92, 77.447, 128.142)

Conversions

Conversions Part 1

Format	Color
Hex	AEFE6C
RGB	174, 254, 108
RGB Percent	68%, 100%, 42%
CMY	0.3189, 0.0052, 0.5775
CMYK	0.32, 0.00, 0.58, 0.01
HSL	93°, 98%, 71%
HSV	93°, 58%, 99%
XYZ	55.4083, 80.7044, 26.7722
YIQ	213.4360, -0.8140, -62.3660

Conversions

Conversions Part 2

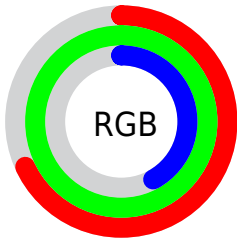
Format	Color
RYB	108, 254, 188
Decimal	11468396
CIELab	92.00, -47.83, 60.91
CIElCh	92, 77.447, 128.142
Yxy	80.7044, 0.3402, 0.4955
Android (android.graphics.Color)	4289658476 (0xFFAEFE6C)
YUV	213.4360, -51.9799, -34.5854
Hunter-Lab	89.8356, -47.1181, 45.2158

Details

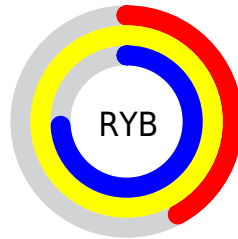
The CIELCh color **92, 77.447, 128.142** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **60, 83.537, 313.435**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 46.780, 117.166**, and **72, 77.543, 128.058** is the 20% darker color. If you saturate the color by 10%, you get **91, 88.706, 127.943**, and if you desaturate by 10%, it is **93, 64.996, 128.519**.

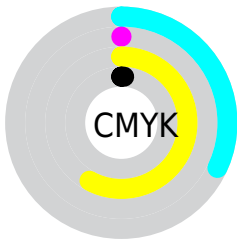
Distribution



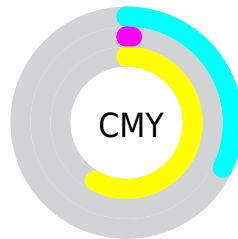
- Red (68%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (74%)



- Cyan (32%)
- Magenta (0%)
- Yellow (58%)
- Black (1%)



- Cyan (32%)
- Magenta (1%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 77.447, 128.142 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, 77.447, 128.142 by changing the saturation by 10% instead.

 92, 77.447,
128.142


 92, 77.447,
128.142

 100, 77.447,
128.142

 82, 77.447,
128.142

 72, 77.447,
128.142

 62, 77.447,
128.142

 52, 77.447,
128.142

 42, 77.447,
128.142

 32, 77.447,
128.142

 22, 77.447,

128.142

■ 12, 77.447,
128.142

■ 2, 77.447, 128.142

■ 92, 77.447,
128.142

■ 92, 77.447,
128.142

■ 91, 88.706,
127.943

■ 93, 64.996,
128.519

■ 90, 98.193,
128.038

■ 94, 51.795,
128.980

■ 90, 105.319,
128.563

■ 95, 38.163,
129.472

■ 89, 109.808,
129.581

■ 97, 24.320,
129.959

■ 89, 110.681,
129.859

■ 98, 10.420,
130.427

100, 0.839,
324.102

Harmonies

Complementary

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



92, 77.447, 128.142



60, 83.537, 313.435

Rectangle

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



92, 77.447, 128.142



92, 77.447, 178.142



92, 77.447, 308.142



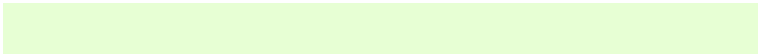
92, 77.447, 358.142

Sweetspot

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



92, 77.448, 128.143



97, 23.692, 129.983



80, 51.354, 71.305



52, 15.848, 129.887



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, 77.448, 128.143



91, 90.612, 127.935



89, 86.151, 140.251



52, 7.912, 130.335



69, 89.248, 129.587



23, 39.659, 128.095

Inverse Universe

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



60, 83.537, 313.435



54, 99.161, 313.776



68, 85.180, 328.396



49, 8.012, 311.136



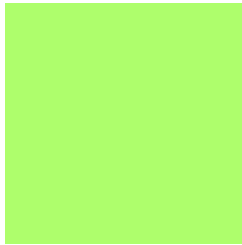
31, 99.492, 313.022



7, 44.824, 314.214

Previews

White Background



This preview shows how the CIELCh color 92, 77.447, 128.142 looks on a white background.

Color Contrast Check

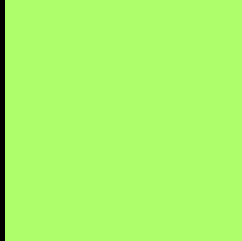
Large Text (above 18pt) WCAG AA × Fail

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, 77.447, 128.142 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, 77.447, 128.142

Background



This preview shows how black text looks on a background with the CIELCh color 92, 77.447, 128.142.



This preview shows how white text looks on a background with the CIELCh color 92, 77.447, 128.142.

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



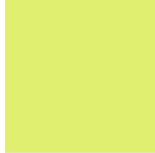


Tritanopia
92, 15.288, 234.041

Trichromacy



Original Color
92, 77.472, 128.136



Protanomaly
91, 62.437, 110.435



Deuteranomaly
91, 37.916, 113.643

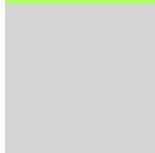


Tritanomaly
92, 29.566, 149.065

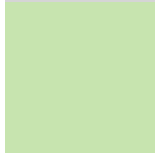
Monochromacy



Original Color
92, 77.472, 128.136



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 29.575, 129.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 77.447, 128.142 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(174, 254, 108)` looks like.

```
.text, #text, p{  
    color:rgb(174, 254, 108)  
}
```

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(174, 254, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 254, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 77.447, 128.142 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(174, 254, 108) }
```

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

```
.border{ border-color:rgb(174, 254, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 254, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 254, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 254, 108);  
box-shadow:4px 4px 4px 4px rgb(174, 254,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 77.447, 128.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 254, 108) }
```

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

```
.background{ background-color: rgb(174,  
254, 108) }
```

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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