

Converting Colors

CIELCh(91, 42.414, 130.510)

Have a look what the booklet for
CIELCh(91, 42.414, 130.510)
contains.

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Color

CIELCh(91, 42.215, 130.331)

Conversions

Conversions Part 1

Format	Color
Hex	C6F2A6
RGB	198, 242, 166
RGB Percent	78%, 95%, 65%
CMY	0.2224, 0.0498, 0.3479
CMYK	0.18, 0.00, 0.31, 0.05
HSL	95°, 75%, 80%
HSV	95°, 31%, 95%
XYZ	62.1088, 78.4833, 48.0820
YIQ	220.1800, -1.8280, -32.9640

Conversions

Conversions Part 2

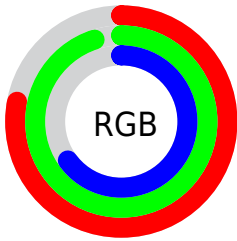
Format	Color
RYB	166, 242, 210
Decimal	13038246
CIELab	91.00, -27.32, 32.18
CIELCh	91, 42.215, 130.331
Yxy	78.4833, 0.3292, 0.4160
Android (android.graphics.Color)	4291228326 (0xFFC6F2A6)
YUV	220.1800, -26.7107, -19.4519
Hunter-Lab	88.5908, -29.8921, 29.8344

Details

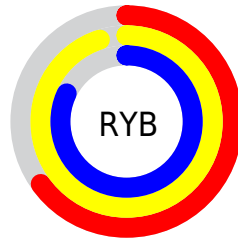
The CIELCh color **91, 42.215, 130.331** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **75, 43.767, 313.200**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.691, 108.916**, and **71, 42.562, 130.310** is the 20% darker color. If you saturate the color by 10%, you get **90, 55.347, 129.840**, and if you desaturate by 10%, it is **92, 28.815, 130.826**.

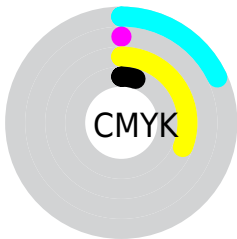
Distribution



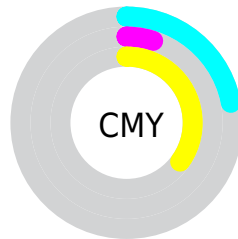
- Red (78%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)





- Cyan (22%)
- Magenta (5%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 42.215, 130.331 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, 42.215, 130.331 by changing the saturation by 10% instead.


 91, 42.215,
130.331


 91, 42.215,
130.331


 100, 42.215,
130.331


 81, 42.215,
130.331

 71, 42.215,
130.331

 61, 42.215,
130.331

 51, 42.215,
130.331

 41, 42.215,
130.331

 31, 42.215,
130.331

 21, 42.215,

130.331

■ 11, 42.215,
130.331

■ 1, 42.215, 130.331

■ 91, 42.215,
130.331

■ 91, 42.215,
130.331

■ 90, 55.347,
129.840

■ 92, 28.815,
130.826

■ 89, 67.958,
129.389

■ 94, 15.315,
131.299

■ 88, 79.699,
129.046

■ 95, 1.836, 131.812

■ 87, 90.088,
128.912

■ 97, 7.798, 323.379

■ 97, 7.917, 324.678

■ 86, 98.541,
129.116

■ 86, 104.545,
129.778

■ 85, 107.856,
130.678

Harmonies

Complementary

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



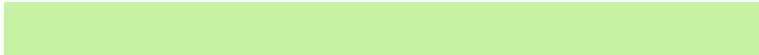
91, 42.215, 130.331



75, 43.767, 313.200

Rectangle

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



91, 42.215, 130.331



91, 42.215, 180.331



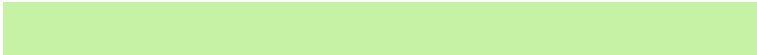
91, 42.215, 310.331



91, 42.215, 0.331

Sweetspot

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



91, 42.217, 130.332



99, 12.620, 131.407



86, 26.200, 78.150



52, 8.774, 131.340



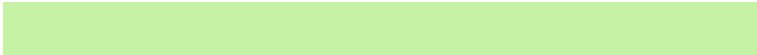
0, 0.000, 0.000



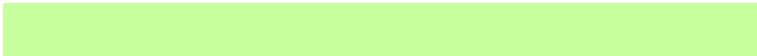
53, 0.007, 296.813

Same Dimension

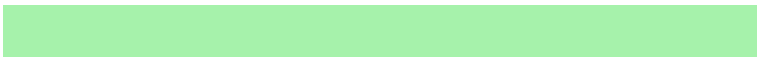
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 42.217, 130.332



94, 53.111, 129.999



89, 45.911, 143.998



50, 7.711, 131.386



67, 88.254, 130.423



21, 37.349, 129.313

Inverse Universe

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



75, 43.767, 313.200



74, 55.522, 313.523



78, 45.917, 328.073



47, 7.800, 312.169



31, 96.854, 313.836



6, 41.629, 314.833

Previews

White Background



This preview shows how the CIELCh color 91, 42.215, 130.331 looks on a white background.

Color Contrast Check

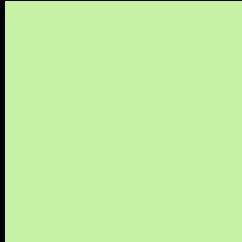
Large Text (above 18pt) WCAG AA × Fail

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 91, 42.215, 130.331 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

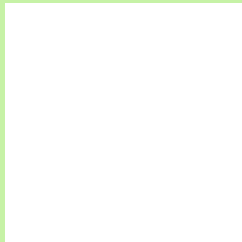
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 42.215, 130.331

Background



This preview shows how black text looks on a background with the CIELCh color 91, 42.215, 130.331.

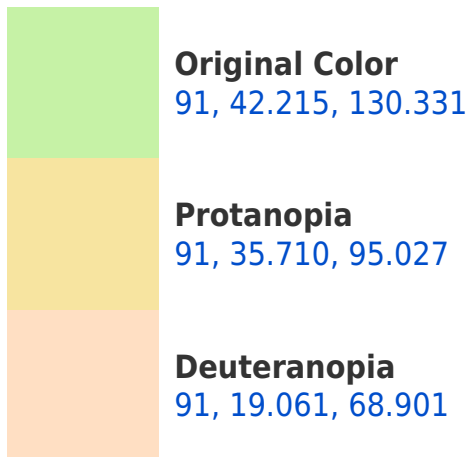


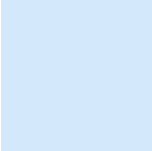
This preview shows how white text looks on a background with the CIELCh color 91, 42.215, 130.331.

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



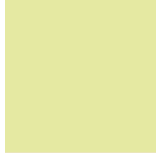


Tritanopia
91, 11.550, 253.263

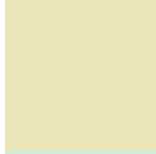
Trichromacy



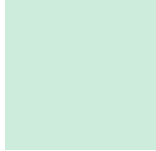
Original Color
91, 42.215, 130.331



Protanomaly
91, 36.269, 109.702



Deuteranomaly
91, 23.202, 104.490

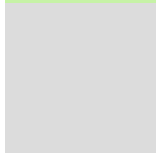


Tritanomaly
91, 13.562, 160.872

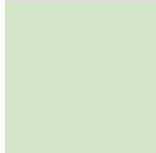
Monochromacy



Original Color
91, 42.215, 130.331



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 15.711, 131.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 42.215, 130.331 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(198, 242, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 242, 166)  
}
```

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(198, 242, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 242, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 42.215, 130.331 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(198, 242, 166) }
```

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

```
.border{ border-color:rgb(198, 242, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 242, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 242, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 242, 166); box-shadow:4px 4px 4px 4px rgb(198, 242, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 42.215, 130.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 242, 166) }
```

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

```
.background{ background-color: rgb(198,  
242, 166) }
```

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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