

Converting Colors

CIELCh(91, 61.214, 130.703)

Have a look what the booklet for
CIELCh(91, 61.214, 130.703)
contains.

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Color

CIELCh(91, 61.414, 130.775)

Conversions

Conversions Part 1

Format	Color
Hex	B4F889
RGB	180, 248, 137
RGB Percent	71%, 97%, 54%
CMY	0.2949, 0.0283, 0.4635
CMYK	0.27, 0.00, 0.45, 0.03
HSL	97°, 89%, 75%
HSV	97°, 45%, 97%
XYZ	56.7777, 78.4833, 35.7497
YIQ	215.0140, -4.8970, -48.9370

Conversions

Conversions Part 2

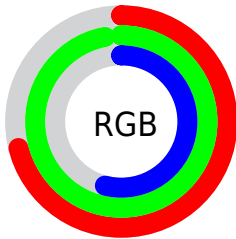
Format	Color
RYB	137, 248, 205
Decimal	11860105
CIELab	91.00, -40.11, 46.51
CIElCh	91, 61.414, 130.775
Yxy	78.4833, 0.3320, 0.4589
Android (android.graphics.Color)	4290050185 (0xFFB4F889)
YUV	215.0140, -38.4609, -30.7073
Hunter-Lab	88.5908, -40.6335, 38.0878

Details

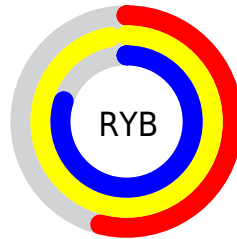
The CIELCh color **91, 61.414, 130.775** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **68, 64.381, 314.899**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 32.429, 119.146**, and **71, 61.557, 130.732** is the 20% darker color. If you saturate the color by 10%, you get **90, 74.128, 130.329**, and if you desaturate by 10%, it is **92, 48.056, 131.277**.

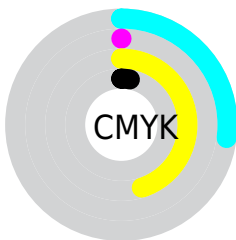
Distribution



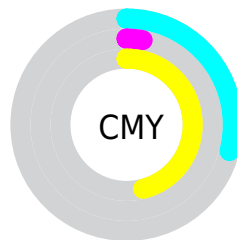
- Red (71%)
- Green (97%)
- Blue (54%)



- Red (54%)
- Yellow (97%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (45%)
- Black (3%)





- Cyan (29%)
- Magenta (3%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 61.414, 130.775 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, 61.414, 130.775 by changing the saturation by 10% instead.


 91, 61.414,
130.775


 91, 61.414,
130.775


 100, 61.414,
130.775


 81, 61.414,
130.775

 71, 61.414,
130.775

 61, 61.414,
130.775

 51, 61.414,
130.775

 41, 61.414,
130.775

 31, 61.414,
130.775

 21, 61.414,

130.775

■ 11, 61.414,
130.775

■ 1, 61.414, 130.775

■ 91, 61.414,
130.775

■ 91, 61.414,
130.775

■ 90, 74.128,
130.329

■ 92, 48.056,
131.277

■ 89, 85.784,
130.013

■ 94, 34.341,
131.783

■ 88, 95.841,
129.940

■ 95, 20.476,
132.269

■ 88, 103.694,
130.245

■ 97, 6.604, 132.734

■ 98, 4.487, 324.529

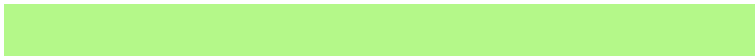
■ 87,108.913,
131.025

■ 87,110.787,
131.554

Harmonies

Complementary

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



91, 61.414, 130.775



68, 64.381, 314.899

Rectangle

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



91, 61.414, 130.775



91, 61.414, 180.775



91, 61.414, 310.775



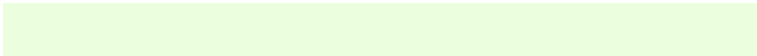
91, 61.414, 0.775

Sweetspot

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



91, 61.416, 130.776



98, 18.413, 132.352



84, 39.705, 79.385



52, 12.891, 132.248



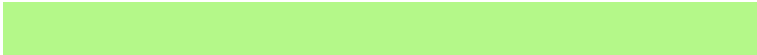
0, 0.000, 0.000



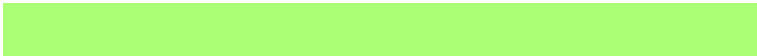
53, 0.007, 296.813

Same Dimension

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



91, 61.416, 130.776



92, 74.867, 130.357



89, 64.504, 143.562



51, 7.911, 132.515



68, 90.031, 131.307



22, 39.068, 130.093

Inverse Universe

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



68, 64.381, 314.899



64, 79.238, 315.264



72, 64.284, 329.902



48, 7.996, 313.292



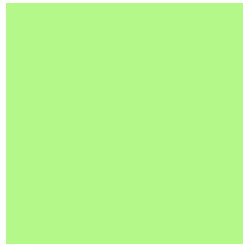
33, 97.158, 314.744



7, 43.193, 315.982

Previews

White Background



This preview shows how the CIELCh color 91, 61.414, 130.775 looks on a white background.

Color Contrast Check

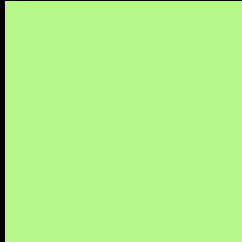
Large Text (above 18pt) WCAG AA × Fail

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, 61.414, 130.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

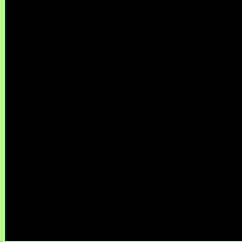
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 61.414, 130.775

Background



This preview shows how black text looks on a background with the CIELCh color 91, 61.414, 130.775.



This preview shows how white text looks on a background with the CIELCh color 91, 61.414, 130.775.

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



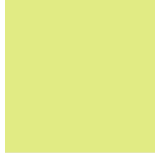


Tritanopia
91, 15.153, 239.605

Trichromacy



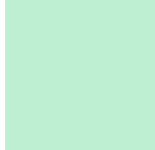
Original Color
91, 61.414, 130.775



Protanomaly
90, 51.916, 110.423



Deuteranomaly
90, 31.789, 110.386

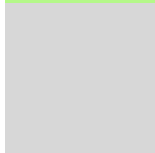


Tritanomaly
91, 22.472, 157.760

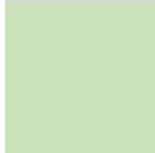
Monochromacy



Original Color
91, 61.414, 130.775



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 22.809, 132.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 61.414, 130.775 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(180, 248, 137)` looks like.

```
.text, #text, p{  
    color:rgb(180, 248, 137)  
}
```

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(180, 248, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 248, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 61.414, 130.775 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(180, 248, 137) }
```

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

```
.border{ border-color:rgb(180, 248, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 248, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 248, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 248, 137);  
box-shadow:4px 4px 4px 4px rgb(180, 248,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 61.414, 130.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 248, 137) }
```

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

```
.background{ background-color: rgb(180,  
248, 137) }
```

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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