

Converting Colors

CIELCh(92, 34.624, 133.170)

Have a look what the booklet for
CIELCh(92, 34.624, 133.170)
contains.

CIELCh(92, 34.624, 133.170)	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, 34.624, 133.170)

Conversions

Conversions Part 1

Format	Color
Hex	CCF4B7
RGB	204, 244, 183
RGB Percent	80%, 96%, 72%
CMY	0.2012, 0.0444, 0.2836
CMYK	0.16, 0.00, 0.25, 0.04
HSL	99°, 73%, 84%
HSV	99°, 25%, 96%
XYZ	65.5828, 80.7044, 56.7520
YIQ	225.0860, -4.2590, -27.4510

Conversions

Conversions Part 2

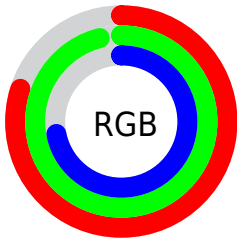
Format	Color
RYB	183, 244, 223
Decimal	13431991
CIELab	92.00, -23.69, 25.25
CIELCh	92, 34.624, 133.170
Yxy	80.7044, 0.3230, 0.3975
Android (android.graphics.Color)	4291622071 (0xFFCCCF4B7)
YUV	225.0860, -20.7484, -18.4924
Hunter-Lab	89.8356, -26.9018, 25.4296

Details

The CIELCh color **92, 34.624, 133.170** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 35.406, 315.396**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **72, 34.710, 133.415** is the 20% darker color. If you saturate the color by 10%, you get **91, 48.332, 132.647**, and if you desaturate by 10%, it is **94, 20.772, 133.668**.

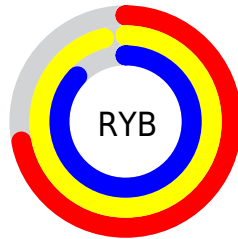
Distribution



Red (80%)

Green (96%)

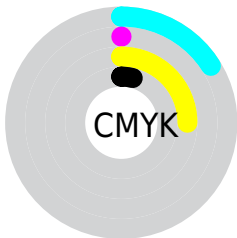
Blue (72%)



Red (72%)

Yellow (96%)

Blue (87%)

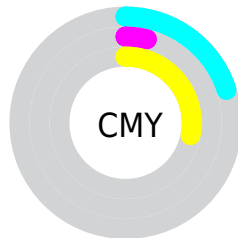


Cyan (16%)

Magenta (0%)

Yellow (25%)

Black (4%)



Cyan (20%)


Magenta (4%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 34.624, 133.170 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, 34.624, 133.170 by changing the saturation by 10% instead.


 92, 34.624,
133.170


 92, 34.624,
133.170


 100, 34.624,
133.170


 82, 34.624,
133.170

 72, 34.624,
133.170

 62, 34.624,
133.170

 52, 34.624,
133.170

 42, 34.624,
133.170

 32, 34.624,
133.170

 22, 34.624,

133.170

■ 12, 34.624,
133.170

■ 2, 34.624, 133.170

■ 92, 34.624,
133.170

■ 92, 34.624,
133.170

■ 91, 48.332,
132.647

■ 94, 20.772,
133.668

■ 89, 61.677,
132.119

■ 95, 6.919, 134.138

■ 88, 74.364,
131.634

■ 97, 6.457, 315.949

■ 97, 7.051, 324.643

■ 87, 85.976,
131.270

■ 87, 95.970,
131.137

■ 86, 103.740,
131.371

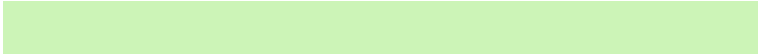
■ 85, 108.863,
132.066

■ 85, 110.625,
132.513

Harmonies

Complementary

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



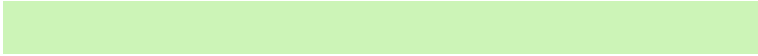
92, 34.624, 133.170



80, 35.406, 315.396

Rectangle

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



92, 34.624, 133.170



92, 34.624, 183.170



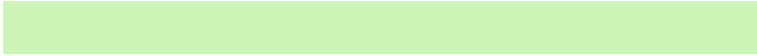
92, 34.624, 313.170



92, 34.624, 3.170

Sweetspot

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



92, 34.626, 133.171



99, 11.443, 133.997



89, 22.167, 86.521



52, 8.138, 133.927



0, 0.000, 0.000



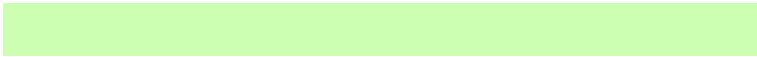
53, 0.007, 296.813

Same Dimension

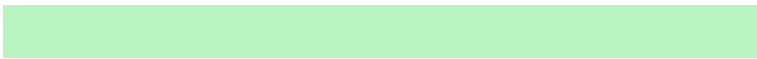
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 34.626, 133.171



95, 43.025, 132.909



91, 34.733, 147.051



50, 7.870, 133.929



67, 90.134, 132.281



21, 38.156, 131.393

Inverse Universe

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



80, 35.406, 315.396



80, 44.197, 315.623



81, 34.824, 330.368



48, 7.944, 314.701



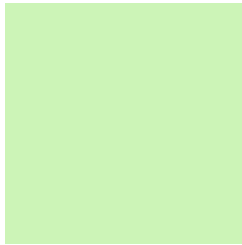
33, 95.335, 316.002



7, 41.639, 317.202

Previews

White Background



This preview shows how the CIE LCh color 92, 34.624, 133.170 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, 34.624, 133.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

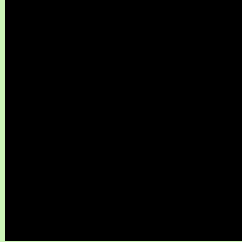
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

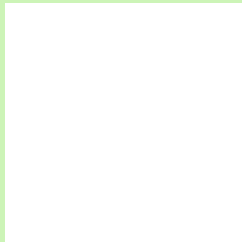
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 34.624, 133.170

Background



This preview shows how black text looks on a background with the CIELCh color 92, 34.624, 133.170.

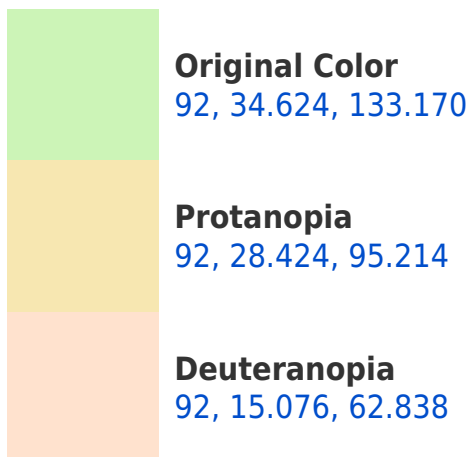


This preview shows how white text looks on a background with the CIELCh color 92, 34.624, 133.170.

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



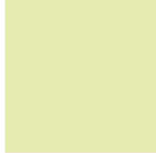


Tritanopia
92, 11.581, 257.529

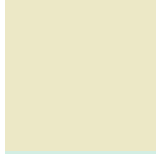
Trichromacy



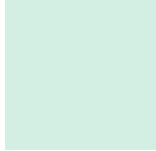
Original Color
92, 34.624, 133.170



Protanomaly
92, 29.208, 111.602



Deuteranomaly
92, 17.553, 103.835

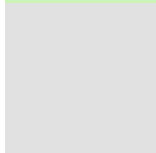


Tritanomaly
92, 11.133, 167.981

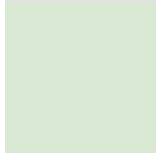
Monochromacy



Original Color
92, 34.624, 133.170



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 12.662, 134.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 34.624, 133.170 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(204, 244, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 244, 183)  
}
```

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(204, 244, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 244, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 34.624, 133.170 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(204, 244, 183) }
```

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

```
.border{ border-color:rgb(204, 244, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 244, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 244, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 244, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 244,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 34.624, 133.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 244, 183) }
```

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

```
.background{ background-color: rgb(204,  
244, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor