

Converting Colors

CIELCh(95, 38.841, 134.646)

Have a look what the booklet for
CIELCh(95, 38.841, 134.646)
contains.

CIELCh(95, 38.869, 134.641)	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(95, 38.869, 134.641)

Conversions

Conversions Part 1

Format	Color
Hex	CEFEBA
RGB	206, 254, 186
RGB Percent	81%, 100%, 73%
CMY	0.1918, 0.0036, 0.2703
CMYK	0.19, 0.00, 0.27, 0.00
HSL	102°, 97%, 86%
HSV	102°, 27%, 100%
XYZ	69.8156, 87.6183, 59.7310
YIQ	231.8960, -6.7800, -31.3240

Conversions

Conversions Part 2

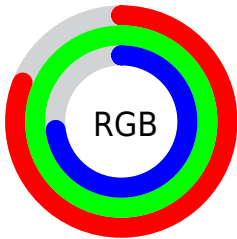
Format	Color
RYB	186, 254, 234
Decimal	13565626
CIELab	95.00, -27.31, 27.66
CIELCh	95, 38.869, 134.641
Yxy	87.6183, 0.3215, 0.4035
Android (android.graphics.Color)	4291755706 (0xFFCFEBA)
YUV	231.8960, -22.6267, -22.7108
Hunter-Lab	93.6047, -30.6729, 27.6891

Details

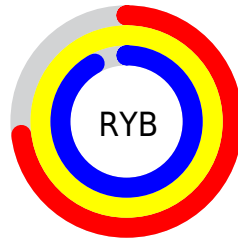
The CIELCh color **95, 38.869, 134.641** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 39.646, 317.075**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **75, 38.945, 134.377** is the 20% darker color. If you saturate the color by 10%, you get **94, 53.222, 134.081**, and if you desaturate by 10%, it is **97, 24.330, 135.167**.

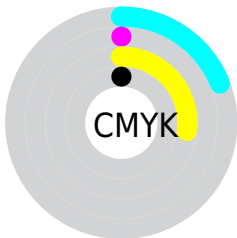
Distribution



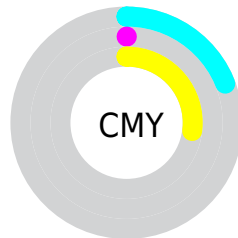
- Red (81%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 38.869, 134.641 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 95, 38.869, 134.641 by changing the saturation by 10% instead.


 95, 38.869,
134.641


 95, 38.869,
134.641


 100, 38.869,
134.641


 85, 38.869,
134.641

 75, 38.869,
134.641

 65, 38.869,
134.641

 55, 38.869,
134.641

 45, 38.869,
134.641

 35, 38.869,
134.641

 25, 38.869,

134.641

■ 15, 38.869,
134.641

■ 5, 38.869, 134.641

■ 95, 38.869,
134.641

■ 95, 38.869,
134.641

■ 94, 53.222,
134.081

■ 97, 24.330,
135.167

■ 92, 67.136,
133.511

■ 98, 9.777, 135.653

■ 91, 80.270,
132.980

100, 0.575,
323.924

■ 90, 92.154,
132.570

■ 89, 102.188,
132.401

■ 89, 109.744,
132.605

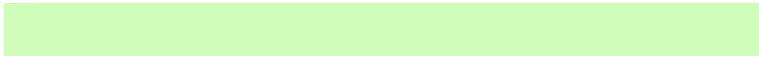
■ 88, 114.459,
133.257

■ 88, 115.567,
133.499

Harmonies

Complementary

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



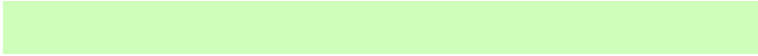
95, 38.869, 134.641



82, 39.646, 317.075

Rectangle

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



95, 38.869, 134.641



95, 38.869, 184.641



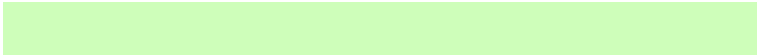
95, 38.869, 314.641



95, 38.869, 4.641

Sweetspot

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



95, 38.871, 134.642



98, 11.604, 135.594



93, 25.678, 90.295



52, 8.253, 135.523



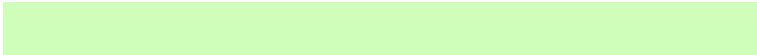
0, 0.000, 0.000



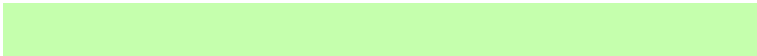
53, 0.007, 296.813

Same Dimension

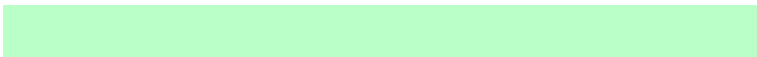
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 38.871, 134.642



95, 46.556, 134.351



94, 37.045, 148.523



52, 8.253, 135.523



68, 93.091, 133.288



23, 41.382, 132.207

Inverse Universe

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



82, 39.646, 317.075



79, 47.664, 317.305



83, 37.207, 332.253



50, 8.320, 316.307



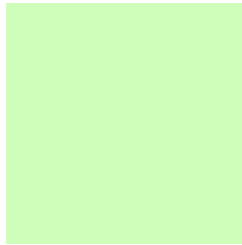
36, 96.358, 317.529



8, 44.052, 318.679

Previews

White Background



This preview shows how the CIELCh color 95, 38.869, 134.641 looks on a white background.

Color Contrast Check

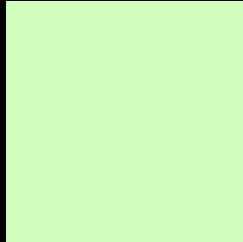
Large Text (above 18pt) WCAG AA × Fail

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 95, 38.869, 134.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

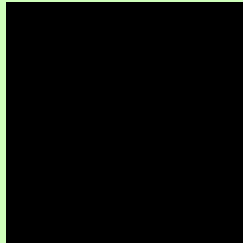
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

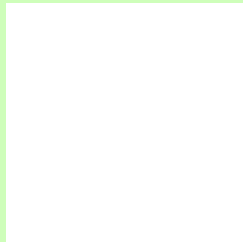
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 38.869, 134.641

Background



This preview shows how black text looks on a background with the CIELCh color 95, 38.869, 134.641.

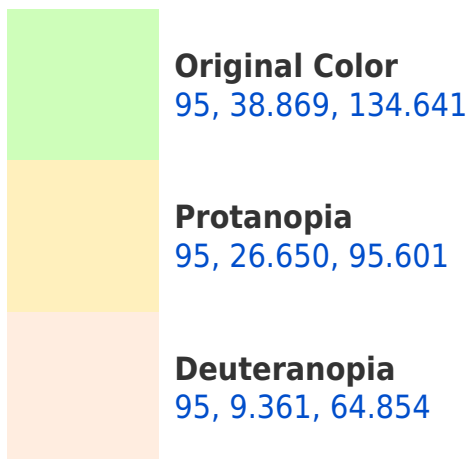


This preview shows how white text looks on a background with the CIELCh color 95, 38.869, 134.641.

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



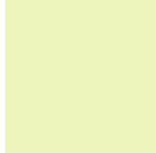


Tritanopia
95, 8.125, 248.708

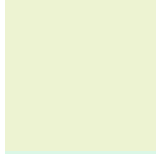
Trichromacy



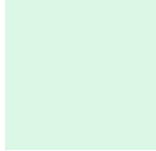
Original Color
95, 38.869, 134.641



Protanomaly
95, 29.124, 113.901

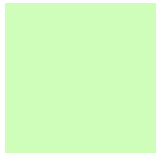


Deuteranomaly
95, 17.012, 116.333

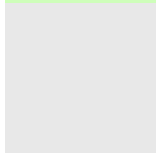


Tritanomaly
95, 13.254, 157.451

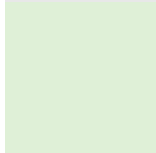
Monochromacy



Original Color
95, 38.869, 134.641



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 14.296, 134.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 38.869, 134.641 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(206, 254, 186)` looks like.

```
.text, #text, p{  
    color:rgb(206, 254, 186)  
}
```

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(206, 254, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 254, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 38.869, 134.641 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(206, 254, 186) }
```

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

```
.border{ border-color:rgb(206, 254, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 254, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 254, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 254, 186); box-shadow:4px 4px 4px 4px rgb(206, 254, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 38.869, 134.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 254, 186) }
```

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

```
.background{ background-color: rgb(206,  
254, 186) }
```

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