

Converting Colors

CIELCh(95, 25.695, 149.272)

Have a look what the booklet for
CIELCh(95, 25.695, 149.272)
contains.

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Color

CIELCh(95, 25.394, 149.666)

Conversions

Conversions Part 1

Format	Color
Hex	CDFCD7
RGB	205, 252, 215
RGB Percent	80%, 99%, 84%
CMY	0.1955, 0.0112, 0.1563
CMYK	0.19, 0.00, 0.15, 0.01
HSL	133°, 89%, 90%
HSV	133°, 19%, 99%
XYZ	72.3500, 87.6183, 77.4785
YIQ	233.7290, -16.1350, -21.4710

Conversions

Conversions Part 2

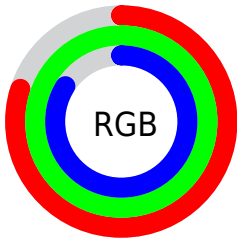
Format	Color
RYB	205, 244, 252
Decimal	13499607
CIELab	95.00, -21.92, 12.82
CIELCh	95, 25.394, 149.666
Yxy	87.6183, 0.3047, 0.3690
Android (android.graphics.Color)	4291689687 (0xFFCDFCD7)
YUV	233.7290, -9.2334, -25.1953
Hunter-Lab	93.6047, -25.8398, 16.4477

Details

The CIELCh color **95, 25.394, 149.666** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 25.505, 332.167**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 25.351, 149.650** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.016, 148.782**, and if you desaturate by 10%, it is **97, 11.722, 150.439**.

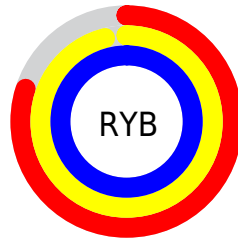
Distribution



Red (80%)

Green (99%)

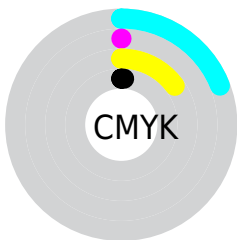
Blue (84%)



Red (80%)

Yellow (96%)

Blue (99%)

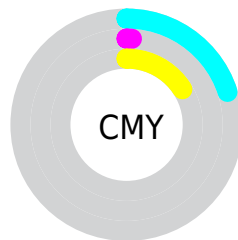


Cyan (19%)

Magenta (0%)

Yellow (15%)

Black (1%)



Cyan (20%)

Magenta (1%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 25.394, 149.666 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, 25.394, 149.666 by changing the saturation by 10% instead.

 95, 25.394,
149.666

 95, 25.394,
149.666

 100, 25.394,
149.666

 85, 25.394,
149.666

 75, 25.394,
149.666

 65, 25.394,
149.666

 55, 25.394,
149.666

 45, 25.394,
149.666

 35, 25.394,
149.666

 25, 25.394,

149.666

■ 15, 25.394,
149.666

■ 5, 25.394, 149.666

■ 95, 25.394,
149.666

■ 95, 25.394,
149.666

■ 93, 39.016,
148.782

■ 97, 11.722,
150.439

■ 92, 52.364,
147.759

■ 99, 1.714, 325.896

■ 99, 1.782, 324.330

■ 90, 65.178,
146.578

■ 89, 77.167,
145.228

■ 88, 88.023,
143.714

■ 88, 97.457,
142.066

■ 87, 105.217,
140.354

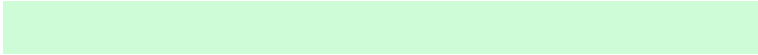
■ 87, 111.146,
138.708

■ 87, 111.829,
138.513

Harmonies

Complementary

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



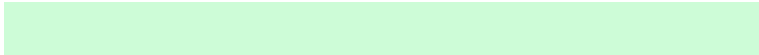
95, 25.394, 149.666



87, 25.505, 332.167

Rectangle

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



95, 25.394, 149.666



95, 25.394, 199.666



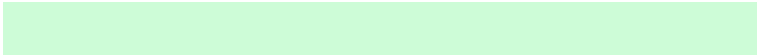
95, 25.394, 329.666



95, 25.394, 19.666

Sweetspot

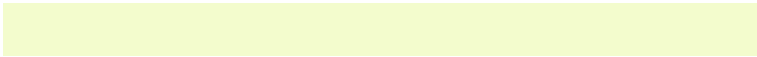
The Sweet Spot groups the original color and five complimentary colors.



95, 25.396, 149.666



99, 8.195, 150.635



97, 24.079, 116.710



52, 5.439, 150.586



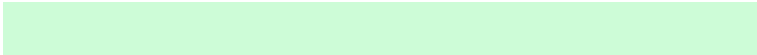
0, 0.000, 0.000



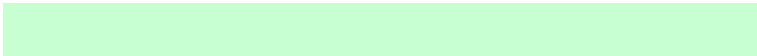
53, 0.007, 296.813

Same Dimension

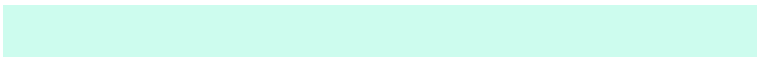
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.396, 149.666



95, 30.259, 149.382



96, 17.754, 174.201



51, 7.658, 150.376



67, 89.299, 138.815



22, 37.964, 141.485

Inverse Universe

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



87, 25.505, 332.167



86, 30.399, 332.397



87, 18.745, 357.844



49, 7.683, 331.551



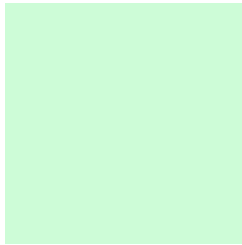
43, 78.159, 338.962



11, 36.074, 337.328

Previews

White Background



This preview shows how the CIE LCh color 95, 25.394, 149.666 looks on a white background.

Color Contrast Check

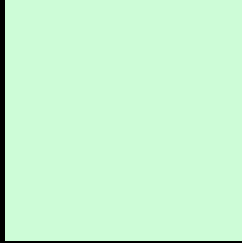
Large Text (above 18pt) WCAG AA × Fail

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, 25.394, 149.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

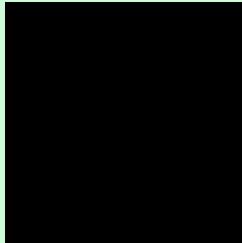
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

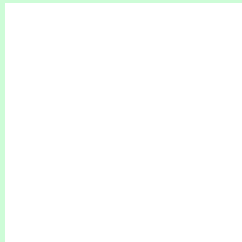
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 25.394, 149.666

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.394, 149.666.

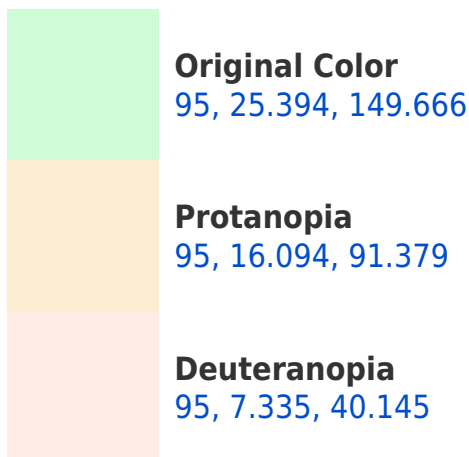


This preview shows how white text looks on a background with the CIELCh color 95, 25.394, 149.666.

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



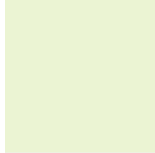


Tritanopia
95, 8.571, 245.311

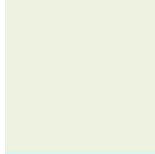
Trichromacy



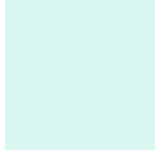
Original Color
95, 25.394, 149.666



Protanomaly
95, 17.193, 119.959



Deuteranomaly
95, 8.900, 121.182

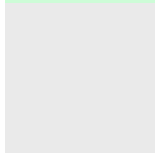


Tritanomaly
95, 10.041, 183.954

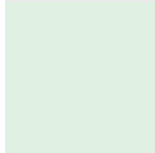
Monochromacy



Original Color
95, 25.394, 149.666



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 9.456, 149.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.394, 149.666 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(205, 252, 215)` looks like.

```
.text, #text, p{  
    color:rgb(205, 252, 215)  
}
```

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(205, 252, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 252, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.394, 149.666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

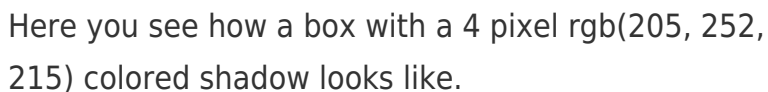
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 252, 215) }
```

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

```
.border{ border-color:rgb(205, 252, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 252, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 252, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 252, 215); box-shadow:4px 4px 4px 4px rgb(205, 252, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.394, 149.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 252, 215) }
```

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

```
.background{ background-color: rgb(205,  
252, 215) }
```

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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