

Converting Colors

CIELCh(100, 45.370, 138.790)

Have a look what the booklet for
CIELCh(100, 45.370, 138.790)
contains.

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Color

CIELCh(95, 35.462, 138.080)

Conversions

Conversions Part 1

Format	Color
Hex	CDFEC2
RGB	205, 254, 194
RGB Percent	80%, 100%, 76%
CMY	0.1966, 0.0046, 0.2397
CMYK	0.19, 0.00, 0.24, 0.00
HSL	109°, 96%, 88%
HSV	109°, 24%, 100%
XYZ	70.2460, 87.6183, 64.1758
YIQ	232.5090, -9.9440, -29.0480

Conversions

Conversions Part 2

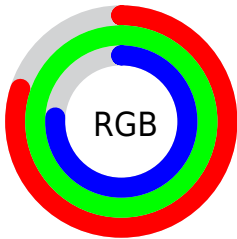
Format	Color
RYB	194, 254, 243
Decimal	13500098
CIELab	95.00, -26.39, 23.69
CIELCh	95, 35.462, 138.080
Yxy	87.6183, 0.3164, 0.3946
Android (android.graphics.Color)	4291690178 (0xFFCDFEC2)
YUV	232.5090, -18.9849, -24.1254
Hunter-Lab	93.6047, -29.8521, 24.8737

Details

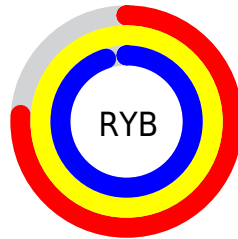
The CIELCh color **95, 35.462, 138.080** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 35.822, 320.380**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **75, 35.444, 137.987** is the 20% darker color. If you saturate the color by 10%, you get **93, 50.394, 137.437**, and if you desaturate by 10%, it is **97, 20.398, 138.659**.

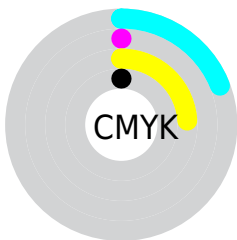
Distribution



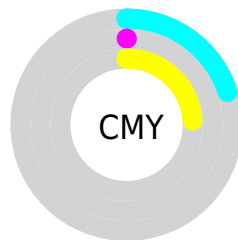
- Red (80%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (95%)



- Cyan (19%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 35.462, 138.080 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, 35.462, 138.080 by changing the saturation by 10% instead.


 95, 35.462,
138.080


 95, 35.462,
138.080


 100, 35.462,
138.080


 85, 35.462,
138.080

 75, 35.462,
138.080

 65, 35.462,
138.080

 55, 35.462,
138.080

 45, 35.462,
138.080

 35, 35.462,
138.080

 25, 35.462,

138.080

■ 15, 35.462,
138.080

■ 5, 35.462, 138.080

■ 95, 35.462,
138.080

■ 95, 35.462,
138.080

■ 93, 50.394,
137.437

■ 97, 20.398,
138.659

■ 92, 64.928,
136.740

■ 99, 5.382, 139.196

■ 91, 78.718,
136.024

100, 0.738,
324.048

■ 90, 91.297,
135.355

■ 89, 102.071,
134.837

■ 88, 110.380,
134.605

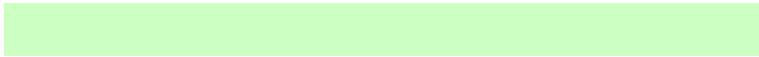
■ 88, 115.721,
134.765

■ 88, 117.743,
135.010

Harmonies

Complementary

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



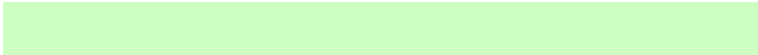
95, 35.462, 138.080



84, 35.822, 320.380

Rectangle

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



95, 35.462, 138.080



95, 35.462, 188.080



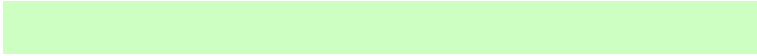
95, 35.462, 318.080



95, 35.462, 8.080

Sweetspot

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



95, 35.464, 138.081



99, 10.485, 139.011



96, 25.274, 98.659



52, 6.816, 138.979



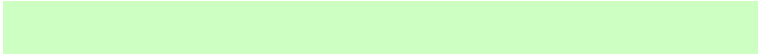
0, 0.000, 0.000



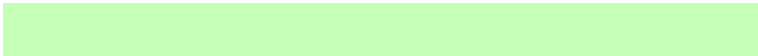
53, 0.007, 296.813

Same Dimension

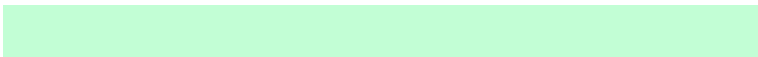
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 35.464, 138.081



95, 42.194, 137.806



95, 29.938, 153.104



52, 8.530, 138.880



68, 94.985, 134.865



23, 42.387, 134.229

Inverse Universe

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



84, 35.822, 320.380



82, 42.688, 320.579



85, 30.252, 336.687



50, 8.574, 319.724



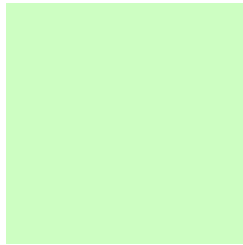
39, 94.635, 321.285



10, 43.409, 322.078

Previews

White Background



This preview shows how the CIE LCh color 95, 35.462, 138.080 looks on a white background.

Color Contrast Check

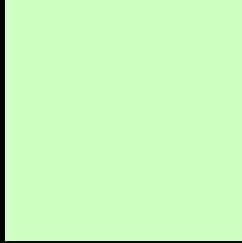
Large Text (above 18pt) WCAG AA × Fail

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, 35.462, 138.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

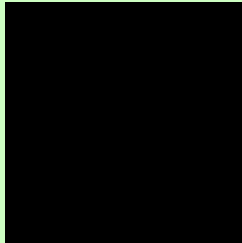
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

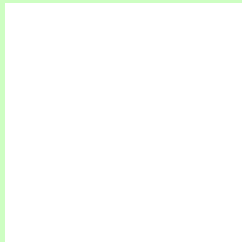
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 35.462, 138.080

Background



This preview shows how black text looks on a background with the CIELCh color 95, 35.462, 138.080.

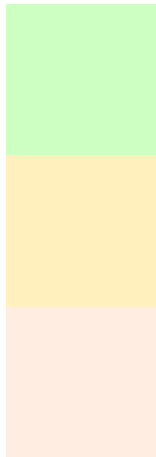


This preview shows how white text looks on a background with the CIELCh color 95, 35.462, 138.080.

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](#).

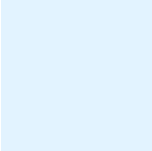
Dichromacy



Original Color
95, 35.488, 138.075

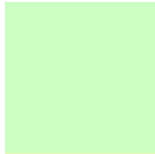
Protanopia
95, 26.155, 95.418

Deuteranopia
95, 8.646, 60.223

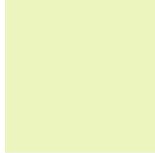


Tritanopia
95, 8.345, 246.963

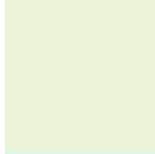
Trichromacy



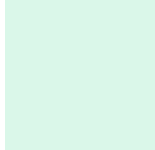
Original Color
95, 35.488, 138.075



Protanomaly
95, 27.626, 114.322



Deuteranomaly
95, 14.995, 117.455

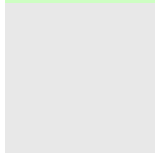


Tritanomaly
95, 12.524, 163.614

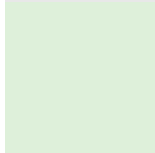
Monochromacy



Original Color
95, 35.488, 138.075



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 13.096, 138.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 35.462, 138.080 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, 254, 194)` looks like.

```
.text, #text, p{  
    color:rgb(205, 254, 194)  
}
```

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, 254, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 254, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 35.462, 138.080 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, 254, 194) }
```

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

```
.border{ border-color:rgb(205, 254, 194) }
```

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

Here you see how a box with a 4 pixel rgb(205, 254, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 254, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 254, 194);  
box-shadow:4px 4px 4px 4px rgb(205, 254,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 35.462, 138.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 254, 194) }
```

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

```
.background{ background-color: rgb(205,  
254, 194) }
```

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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