

Converting Colors

CIELCh(95, 34.728, 140.753)

Have a look what the booklet for
CIELCh(95, 34.728, 140.753)
contains.

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Color

CIELCh(95, 34.754, 140.747)

Conversions

Conversions Part 1

Format	Color
Hex	CAFEC5
RGB	202, 254, 197
RGB Percent	79%, 100%, 77%
CMY	0.2072, 0.0032, 0.2268
CMYK	0.20, 0.00, 0.22, 0.00
HSL	115°, 97%, 89%
HSV	115°, 22%, 100%
XYZ	70.0013, 87.6183, 66.1492
YIQ	231.9540, -12.6950, -28.7510

Conversions

Conversions Part 2

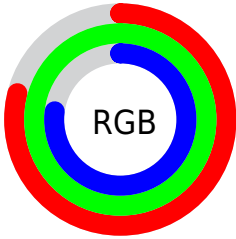
Format	Color
RYB	197, 254, 249
Decimal	13303493
CIELab	95.00, -26.91, 21.99
CIELCh	95, 34.754, 140.747
Yxy	87.6183, 0.3128, 0.3916
Android (android.graphics.Color)	4291493573 (0xFFCAFEC5)
YUV	231.9540, -17.2323, -26.2697
Hunter-Lab	93.6047, -30.3187, 23.6238

Details

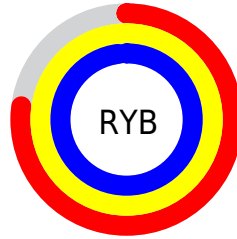
The CIELCh color **95, 34.754, 140.747** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 34.911, 323.165**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **75, 34.688, 140.767** is the 20% darker color. If you saturate the color by 10%, you get **93, 50.178, 140.005**, and if you desaturate by 10%, it is **97, 19.198, 141.398**.

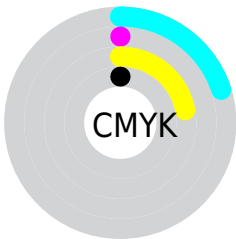
Distribution



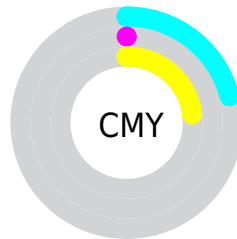
- Red (79%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 34.754, 140.747 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, 34.754, 140.747 by changing the saturation by 10% instead.


 95, 34.754,
140.747


 95, 34.754,
140.747


 100, 34.754,
140.747


 85, 34.754,
140.747

 75, 34.754,
140.747

 65, 34.754,
140.747

 55, 34.754,
140.747

 45, 34.754,
140.747

 35, 34.754,
140.747

 25, 34.754,

140.747

■ 15, 34.754,
140.747

■ 5, 34.754, 140.747

■ 95, 34.754,
140.747

■ 95, 34.754,
140.747

■ 93, 50.178,
140.005

■ 97, 19.198,
141.398

■ 92, 65.175,
139.175

■ 99, 3.720, 142.013

■ 90, 79.363,
138.279

100, 0.515,
323.858

■ 89, 92.249,
137.374

■ 89, 103.224,
136.557

■ 88, 111.618,
135.964

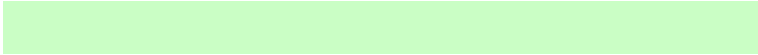
■ 88, 116.910,
135.719

■ 88, 119.005,
135.722

Harmonies

Complementary

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



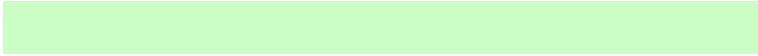
95, 34.754, 140.747



86, 34.911, 323.165

Rectangle

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



95, 34.754, 140.747



95, 34.754, 190.747



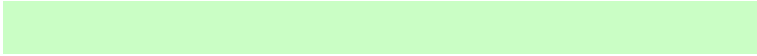
95, 34.754, 320.747



95, 34.754, 10.747

Sweetspot

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



95, 34.756, 140.748



98, 10.802, 141.721



97, 26.093, 103.409



52, 7.022, 141.685



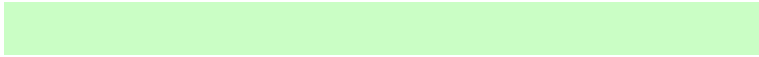
0, 0.000, 0.000



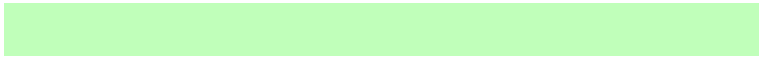
53, 0.007, 296.813

Same Dimension

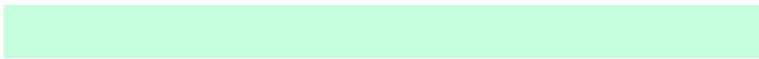
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 34.756, 140.748



94, 41.946, 140.420



95, 26.710, 156.764



52, 8.789, 141.573



68, 95.977, 135.639



23, 43.116, 135.566

Inverse Universe

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



86, 34.911, 323.165



83, 42.153, 323.390



85, 27.160, 340.425



50, 8.817, 322.511



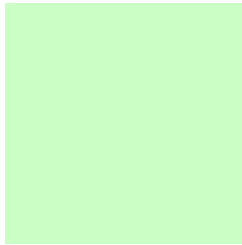
42, 93.605, 324.813



11, 43.024, 325.217

Previews

White Background



This preview shows how the CIE LCh color 95, 34.754, 140.747 looks on a white background.

Color Contrast Check

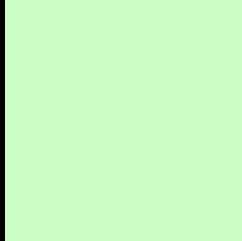
Large Text (above 18pt) WCAG AA × Fail

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, 34.754, 140.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

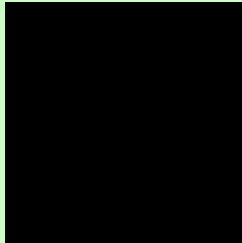
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

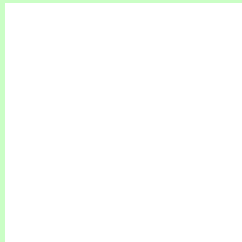
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 34.754, 140.747

Background



This preview shows how black text looks on a background with the CIELCh color 95, 34.754, 140.747.

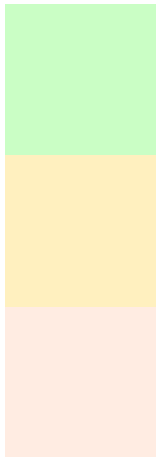


This preview shows how white text looks on a background with the CIELCh color 95, 34.754, 140.747.

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, 34.754, 140.747

Protanopia
95, 25.659, 95.225

Deuteranopia
95, 8.616, 56.107

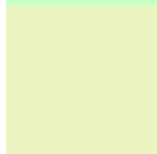


Tritanopia
95, 8.571, 245.311

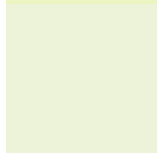
Trichromacy



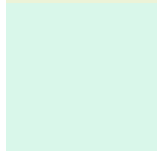
Original Color
95, 34.754, 140.747



Protanomaly
95, 26.677, 115.421



Deuteranomaly
95, 14.055, 119.581

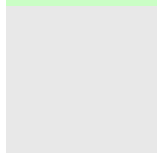


Tritanomaly
95, 12.505, 166.360

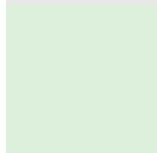
Monochromacy



Original Color
95, 34.754, 140.747



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 12.841, 141.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 34.754, 140.747 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(202, 254, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 254, 197)  
}
```

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(202, 254, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 254, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 34.754, 140.747 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(202, 254, 197) }
```

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

```
.border{ border-color:rgb(202, 254, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 254, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 254, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 254, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 254,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 34.754, 140.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 254, 197) }
```

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

```
.background{ background-color: rgb(202,  
254, 197) }
```

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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