

Converting Colors

CIELCh(95, 33.460, 142.236)

Have a look what the booklet for
CIELCh(95, 33.460, 142.236)
contains.

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Color

CIELCh(95, 33.466, 142.132)

Conversions

Conversions Part 1

Format	Color
Hex	CAFEC8
RGB	202, 254, 200
RGB Percent	79%, 100%, 78%
CMY	0.2078, 0.0039, 0.2156
CMYK	0.20, 0.00, 0.21, 0.00
HSL	118°, 96%, 89%
HSV	118°, 21%, 100%
XYZ	70.2309, 87.6183, 67.8596
YIQ	232.2960, -13.6580, -27.8180

Conversions

Conversions Part 2

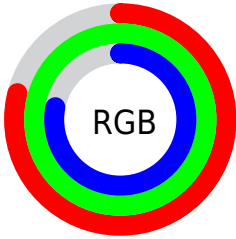
Format	Color
R _Y B	200, 254, 252
Decimal	13303496
CIE _{Lab}	95.00, -26.42, 20.54
CIE _{LCh}	95, 33.466, 142.132
Y _{xy}	87.6183, 0.3112, 0.3882
Android (android.graphics.Color)	4291493576 (0xFFCAFEC8)
YUV	232.2960, -15.9219, -26.5696
Hunter-Lab	93.6047, -29.8809, 22.5404

Details

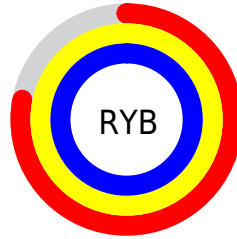
The CIELCh color **95, 33.466, 142.132** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 33.537, 324.565**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 33.348, 142.235** is the 20% darker color. If you saturate the color by 10%, you get **93, 49.152, 141.337**, and if you desaturate by 10%, it is **97, 17.660, 142.822**.

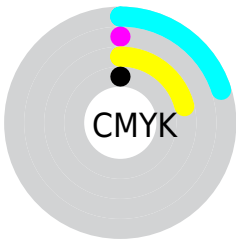
Distribution



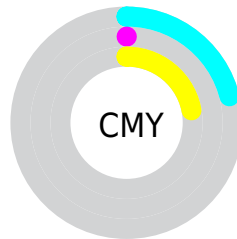
- Red (79%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (99%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 33.466, 142.132 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, 33.466, 142.132 by changing the saturation by 10% instead.


 95, 33.466,
142.132


 95, 33.466,
142.132


 100, 33.466,
142.132


 85, 33.466,
142.132

 75, 33.466,
142.132

 65, 33.466,
142.132

 55, 33.466,
142.132

 45, 33.466,
142.132

 35, 33.466,
142.132

 25, 33.466,

142.132

■ 15, 33.466,
142.132

■ 5, 33.466, 142.132

■ 95, 33.466,
142.132

■ 95, 33.466,
142.132

■ 93, 49.152,
141.337

■ 97, 17.660,
142.822

■ 92, 64.405,
140.433

■ 99, 1.953, 143.538

■ 90, 78.827,
139.436

100, 0.621,
323.965

■ 89, 91.915,
138.394

■ 88, 103.059,
137.399

■ 88, 111.593,
136.586

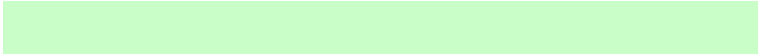
■ 88, 116.984,
136.095

■ 87, 119.258,
135.913

Harmonies

Complementary

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



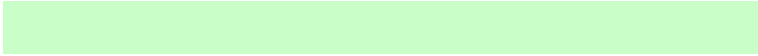
95, 33.466, 142.132



87, 33.537, 324.565

Rectangle

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



95, 33.466, 142.132



95, 33.466, 192.132



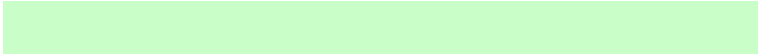
95, 33.466, 322.132



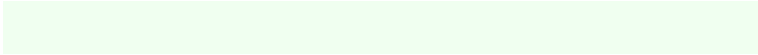
95, 33.466, 12.132

Sweetspot

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



95, 33.468, 142.132



99, 9.403, 143.154



98, 25.970, 105.936



52, 6.241, 143.113



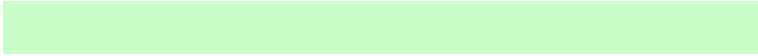
0, 0.000, 0.000



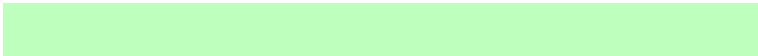
53, 0.007, 296.813

Same Dimension

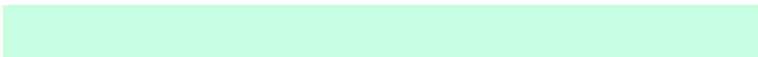
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 33.468, 142.132



94, 41.063, 141.769



95, 24.359, 159.229



52, 8.935, 142.934



68, 96.279, 135.869



22, 43.520, 136.266

Inverse Universe

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



87, 33.537, 324.565



84, 41.146, 324.813



86, 24.873, 342.841



50, 8.953, 323.934



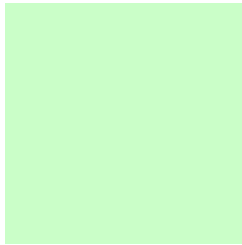
44, 93.251, 326.773



12, 42.889, 326.948

Previews

White Background



This preview shows how the CIE LCh color 95, 33.466, 142.132 looks on a white background.

Color Contrast Check

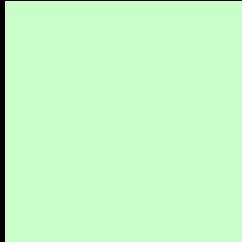
Large Text (above 18pt) WCAG AA × Fail

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, 33.466, 142.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

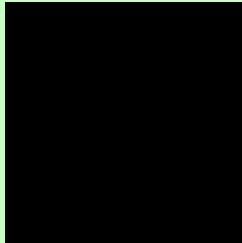
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

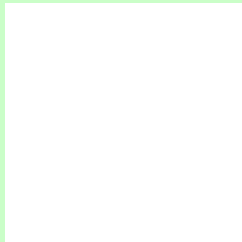
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 33.466, 142.132

Background



This preview shows how black text looks on a background with the CIELCh color 95, 33.466, 142.132.

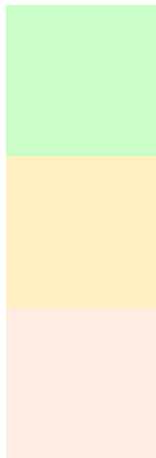


This preview shows how white text looks on a background with the CIELCh color 95, 33.466, 142.132.

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, 33.466, 142.132

Protanopia
95, 24.289, 93.694

Deuteranopia
95, 8.312, 53.331

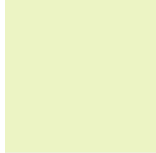


Tritanopia
95, 8.571, 245.311

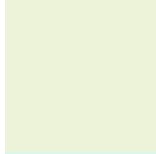
Trichromacy



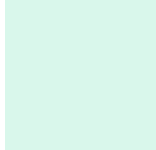
Original Color
95, 33.466, 142.132



Protanomaly
95, 24.643, 115.270

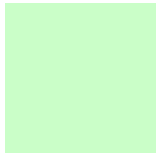


Deuteranomaly
95, 13.554, 119.997

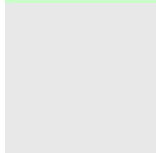


Tritanomaly
95, 12.218, 168.349

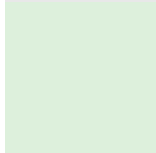
Monochromacy



Original Color
95, 33.466, 142.132



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 12.404, 142.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 33.466, 142.132 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 254, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 254, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 33.466, 142.132 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, 200) }
```

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

```
.border{ border-color:rgb(202, 254, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 254, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 254, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 254,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 33.466, 142.132 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, 200) }
```

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

```
.background{ background-color: rgb(202,  
254, 200) }
```

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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