

Converting Colors

CIELCh(95, 33.205, 145.073)

Have a look what the booklet for
CIELCh(95, 33.205, 145.073)
contains.

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Color

CIELCh(95, 33.426, 144.943)

Conversions

Conversions Part 1

Format	Color
Hex	C7FFCB
RGB	199, 255, 203
RGB Percent	78%, 100%, 80%
CMY	0.2213, 0.0017, 0.2056
CMYK	0.22, 0.00, 0.20, 0.00
HSL	124°, 98%, 89%
HSV	124°, 22%, 100%
XYZ	69.7923, 87.6183, 69.4730
YIQ	232.3280, -16.6840, -28.0440

Conversions

Conversions Part 2

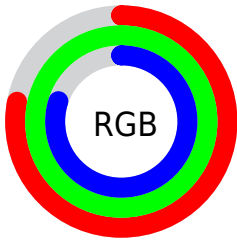
Format	Color
RYB	199, 251, 255
Decimal	13107147
CIELab	95.00, -27.36, 19.20
CIELCh	95, 33.426, 144.943
Yxy	87.6183, 0.3076, 0.3862
Android (android.graphics.Color)	4291297227 (0xFFC7FFCB)
YUV	232.3280, -14.4587, -29.2287
Hunter-Lab	93.6047, -30.7173, 21.5185

Details

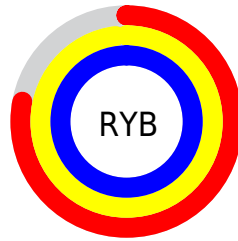
The CIELCh color **95, 33.426, 144.943** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 33.467, 327.683**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 33.305, 145.140** is the 20% darker color. If you saturate the color by 10%, you get **93, 48.551, 144.069**, and if you desaturate by 10%, it is **97, 18.166, 145.696**.

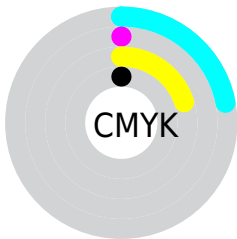
Distribution



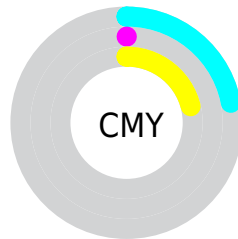
- Red (78%)
- Green (100%)
- Blue (80%)



- Red (78%)
- Yellow (98%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 33.426, 144.943 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, 33.426, 144.943 by changing the saturation by 10% instead.


 95, 33.426,
144.943


 95, 33.426,
144.943


 100, 33.426,
144.943


 85, 33.426,
144.943

 75, 33.426,
144.943

 65, 33.426,
144.943

 55, 33.426,
144.943

 45, 33.426,
144.943

 35, 33.426,
144.943

 25, 33.426,

144.943

■ 15, 33.426,
144.943

■ 5, 33.426, 144.943

■ 95, 33.426,
144.943

■ 95, 33.426,
144.943

■ 93, 48.551,
144.069

■ 97, 18.166,
145.696

■ 92, 63.243,
143.059

■ 99, 2.990, 146.422

■ 90, 77.139,
141.914

100, 0.278,
323.335

■ 89, 89.808,
140.659

■ 89, 100.763,
139.351

■ 88, 109.492,
138.096

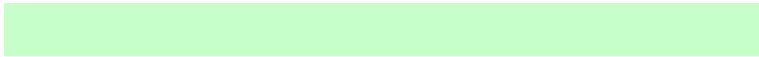
■ 88, 115.547,
137.034

■ 88, 118.382,
136.445

Harmonies

Complementary

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



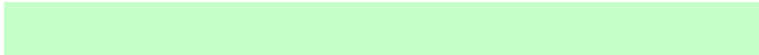
95, 33.426, 144.943



86, 33.467, 327.683

Rectangle

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



95, 33.426, 144.943



95, 33.426, 194.943



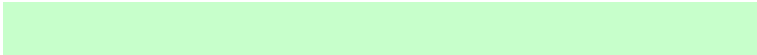
95, 33.426, 324.943



95, 33.426, 14.943

Sweetspot

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



95, 33.428, 144.943



98, 10.580, 146.038



98, 28.282, 110.881



52, 6.878, 145.997



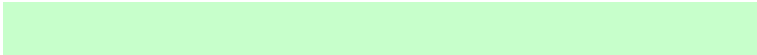
0, 0.000, 0.000



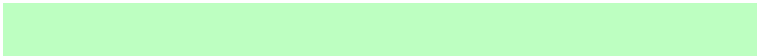
53, 0.007, 296.813

Same Dimension

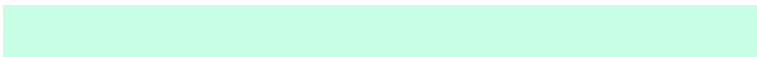
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 33.428, 144.943



94, 39.573, 144.608



96, 23.099, 165.362



52, 8.610, 145.868



68, 95.152, 136.583



22, 42.257, 138.151

Inverse Universe

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



86, 33.467, 327.683



84, 39.607, 327.916



86, 23.989, 349.509



50, 8.625, 326.947



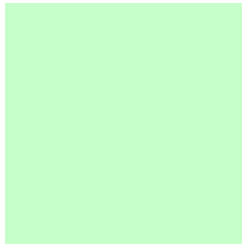
45, 87.992, 331.307



12, 40.756, 330.912

Previews

White Background



This preview shows how the CIE LCh color 95, 33.426, 144.943 looks on a white background.

Color Contrast Check

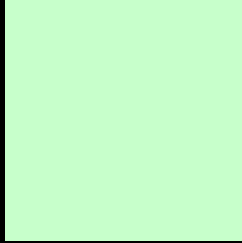
Large Text (above 18pt) WCAG AA × Fail

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, 33.426, 144.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

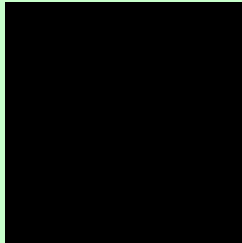
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

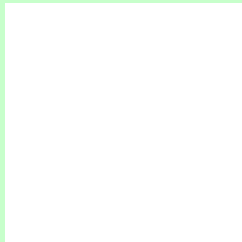
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 33.426, 144.943

Background



This preview shows how black text looks on a background with the CIELCh color 95, 33.426, 144.943.

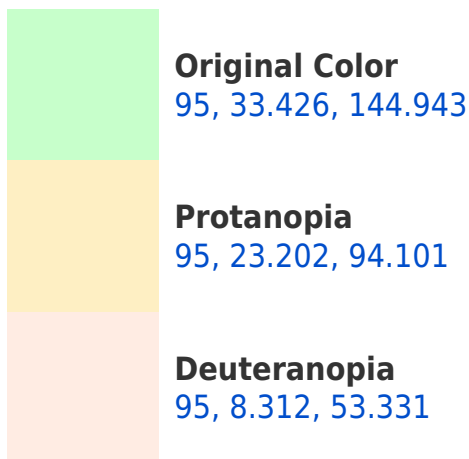


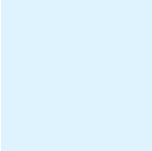
This preview shows how white text looks on a background with the CIELCh color 95, 33.426, 144.943.

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



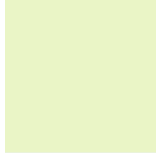


Tritanopia
95, 9.042, 242.269

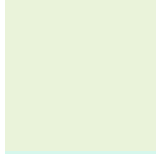
Trichromacy



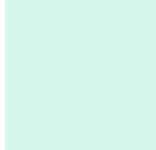
Original Color
95, 33.426, 144.943



Protanomaly
95, 24.305, 118.057

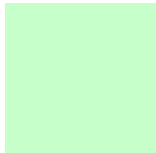


Deuteranomaly
95, 13.225, 123.504

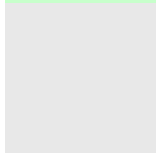


Tritanomaly
95, 12.848, 172.480

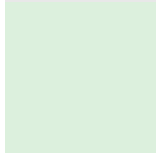
Monochromacy



Original Color
95, 33.426, 144.943



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 12.184, 145.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 33.426, 144.943 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(199, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 203)  
}
```

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(199, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 33.426, 144.943 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(199, 255, 203) }
```

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

```
.border{ border-color:rgb(199, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 33.426, 144.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 203) }
```

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

```
.background{ background-color: rgb(199,  
255, 203) }
```

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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