

Converting Colors

CIELCh(95, 33.087, 144.793)

Have a look what the booklet for
CIELCh(95, 33.087, 144.793)
contains.

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Color

CIELCh(95, 32.823, 145.005)

Conversions

Conversions Part 1

Format	Color
Hex	C7FECB
RGB	199, 254, 203
RGB Percent	78%, 100%, 80%
CMY	0.2183, 0.0025, 0.2026
CMYK	0.22, 0.00, 0.20, 0.00
HSL	124°, 98%, 89%
HSV	124°, 22%, 100%
XYZ	70.0122, 87.6183, 69.9285
YIQ	231.7410, -16.4090, -27.5210

Conversions

Conversions Part 2

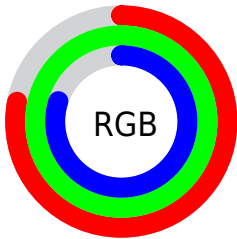
Format	Color
RYB	199, 250, 254
Decimal	13106891
CIELab	95.00, -26.89, 18.82
CIELCh	95, 32.823, 145.005
Yxy	87.6183, 0.3077, 0.3850
Android (android.graphics.Color)	4291296971 (0xFFC7FECB)
YUV	231.7410, -14.1693, -28.7139
Hunter-Lab	93.6047, -30.2980, 21.2300

Details

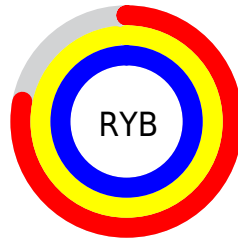
The CIELCh color **95, 32.823, 145.005** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 32.864, 327.696**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 32.681, 145.224** is the 20% darker color. If you saturate the color by 10%, you get **93, 47.936, 144.135**, and if you desaturate by 10%, it is **97, 17.586, 145.754**.

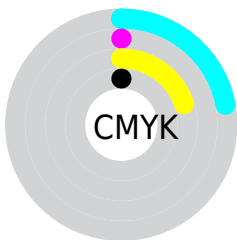
Distribution



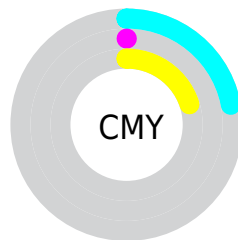
- Red (78%)
- Green (100%)
- Blue (80%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 32.823, 145.005 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, 32.823, 145.005 by changing the saturation by 10% instead.


 95, 32.823,
145.005


 95, 32.823,
145.005


 100, 32.823,
145.005


 85, 32.823,
145.005

 75, 32.823,
145.005

 65, 32.823,
145.005

 55, 32.823,
145.005

 45, 32.823,
145.005

 35, 32.823,
145.005

 25, 32.823,

145.005

■ 15, 32.823,
145.005

■ 5, 32.823, 145.005

■ 95, 32.823,
145.005

■ 95, 32.823,
145.005

■ 93, 47.936,
144.135

■ 97, 17.586,
145.754

■ 92, 62.628,
143.130

■ 99, 2.438, 146.501

■ 90, 76.541,
141.989

100, 0.413,
323.706

■ 89, 89.249,
140.735

■ 89, 100.266,
139.425

■ 88, 109.086,
138.162

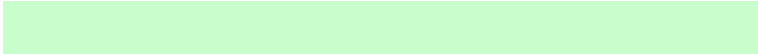
■ 88, 115.256,
137.084

■ 88, 118.277,
136.455

Harmonies

Complementary

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



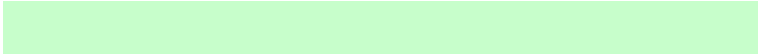
95, 32.823, 145.005



87, 32.864, 327.696

Rectangle

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



95, 32.823, 145.005



95, 32.823, 195.005



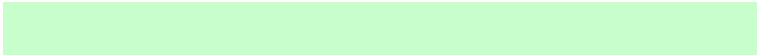
95, 32.823, 325.005



95, 32.823, 15.005

Sweetspot

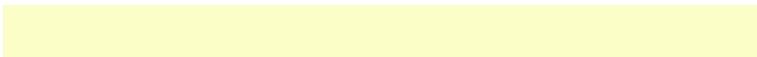
The Sweet Spot groups the original color and five complimentary colors.



95, 32.825, 145.005



99, 9.054, 146.139



98, 27.800, 110.913



52, 6.009, 146.095



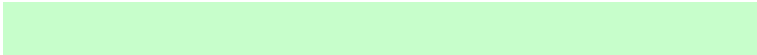
0, 0.000, 0.000



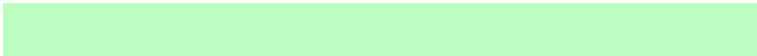
53, 0.007, 296.813

Same Dimension

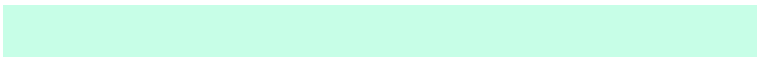
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 32.825, 145.005



94, 39.542, 144.641



96, 22.707, 165.401



52, 8.603, 145.901



68, 95.128, 136.594



22, 42.232, 138.173

Inverse Universe

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



87, 32.864, 327.696



84, 39.576, 327.950



86, 23.567, 349.469



50, 8.619, 326.981



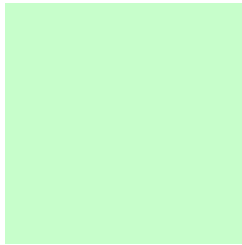
45, 87.913, 331.360



12, 40.724, 330.957

Previews

White Background



This preview shows how the CIELCh color 95, 32.823, 145.005 looks on a white background.

Color Contrast Check

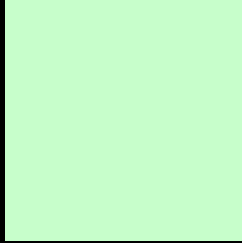
Large Text (above 18pt) WCAG AA × Fail

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, 32.823, 145.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

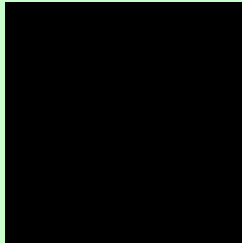
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 32.823, 145.005

Background



This preview shows how black text looks on a background with the CIELCh color 95, 32.823, 145.005.

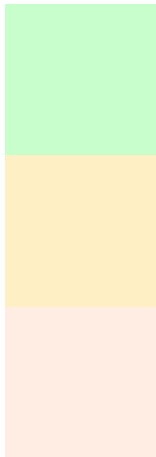


This preview shows how white text looks on a background with the CIELCh color 95, 32.823, 145.005.

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](#).

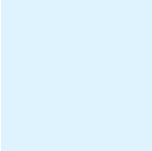
Dichromacy



Original Color
95, 32.823, 145.005

Protanopia
95, 22.708, 93.844

Deuteranopia
95, 8.312, 53.331

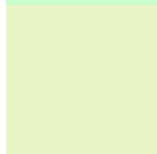


Tritanopia
95, 9.042, 242.269

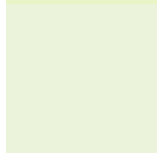
Trichromacy



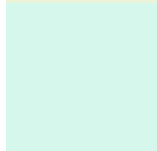
Original Color
95, 32.823, 145.005



Protanomaly
95, 23.807, 118.289



Deuteranomaly
95, 13.134, 121.984



Tritanomaly
95, 12.848, 172.480

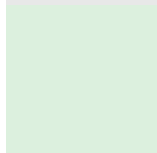
Monochromacy



Original Color
95, 32.823, 145.005



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 11.767, 146.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 32.823, 145.005 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, 254, 203)` looks like.

```
.text, #text, p{  
    color:rgb(199, 254, 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, 254, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 254, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 32.823, 145.005 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, 254, 203) }
```

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

```
.border{ border-color:rgb(199, 254, 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, 254, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 254, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 254, 203); box-shadow:4px 4px 4px 4px rgb(199, 254, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 32.823, 145.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 254, 203) }
```

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

```
.background{ background-color: rgb(199,  
254, 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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