

Converting Colors

CIELCh(100, 40.068, 150.299)

Have a look what the booklet for
CIELCh(100, 40.068, 150.299)
contains.

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Color

CIELCh(95, 29.561, 153.786)

Conversions

Conversions Part 1

Format	Color
Hex	C3FFD7
RGB	195, 255, 215
RGB Percent	76%, 100%, 84%
CMY	0.2372, 0.0020, 0.1588
CMYK	0.24, 0.00, 0.16, 0.00
HSL	140°, 98%, 88%
HSV	140°, 24%, 100%
XYZ	70.1835, 87.6183, 77.1758
YIQ	232.5000, -22.9200, -25.1600

Conversions

Conversions Part 2

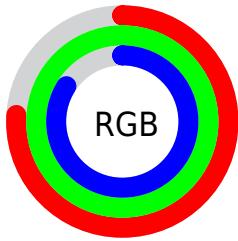
Format	Color
RYB	195, 240, 255
Decimal	12845015
CIELab	95.00, -26.52, 13.06
CIElCh	95, 29.561, 153.786
Yxy	87.6183, 0.2987, 0.3729
Android (android.graphics.Color)	4291035095 (0xFFC3FFD7)
YUV	232.5000, -8.6275, -32.8875
Hunter-Lab	93.6047, -29.9713, 16.6395

Details

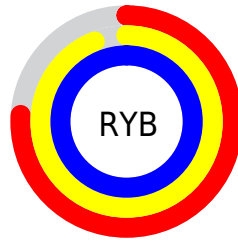
The CIELCh color **95, 29.561, 153.786** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 29.908, 337.418**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **75, 29.663, 153.736** is the 20% darker color. If you saturate the color by 10%, you get **93, 41.948, 152.774**, and if you desaturate by 10%, it is **97, 17.005, 154.673**.

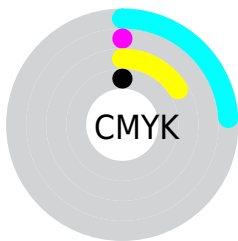
Distribution



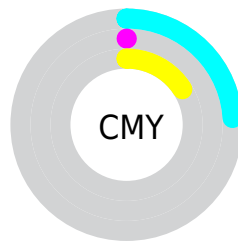
- Red (76%)
- Green (100%)
- Blue (84%)



- Red (76%)
- Yellow (94%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 29.561, 153.786 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, 29.561, 153.786 by changing the saturation by 10% instead.

 95, 29.561,
153.786


 95, 29.561,
153.786


 100, 29.561,
153.786


 85, 29.561,
153.786

 75, 29.561,
153.786

 65, 29.561,
153.786

 55, 29.561,
153.786

 45, 29.561,
153.786

 35, 29.561,
153.786

 25, 29.561,

153.786

■ 15, 29.561,
153.786

■ 5, 29.561, 153.786

■ 95, 29.561,
153.786

■ 95, 29.561,
153.786

■ 93, 41.948,
152.774

■ 97, 17.005,
154.673

■ 92, 53.953,
151.613

■ 99, 4.447, 155.511

■ 91, 65.343,
150.278

100, 0.319,
323.482

■ 90, 75.881,
148.752

■ 89, 85.352,
147.028

■ 88, 93.595,
145.122

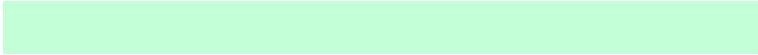
■ 88, 100.530,
143.084

■ 88, 104.357,
141.781

Harmonies

Complementary

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



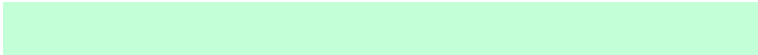
95, 29.561, 153.786



85, 29.908, 337.418

Rectangle

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



95, 29.561, 153.786



95, 29.561, 203.786



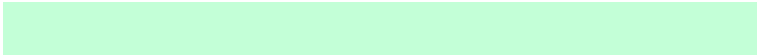
95, 29.561, 333.786



95, 29.561, 23.786

Sweetspot

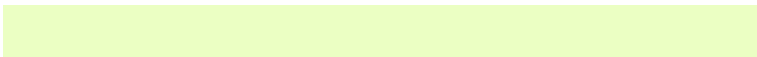
The Sweet Spot groups the original color and five complimentary colors.



95, 29.563, 153.785



98, 8.759, 155.212



97, 31.239, 121.738



52, 5.693, 155.162



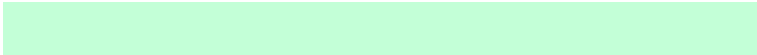
0, 0.000, 0.000



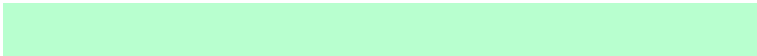
53, 0.007, 296.813

Same Dimension

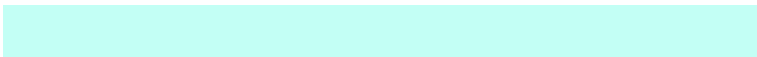
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 29.563, 153.785



94, 35.138, 153.354



96, 20.761, 183.750



52, 7.124, 155.008



68, 83.453, 142.160



23, 35.917, 145.145

Inverse Universe

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



85, 29.908, 337.418



82, 35.604, 337.787



84, 23.115, 8.273



50, 7.167, 336.311



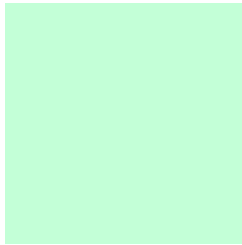
42, 72.816, 347.483



11, 34.336, 344.446

Previews

White Background



This preview shows how the CIE LCh color 95, 29.561, 153.786 looks on a white background.

Color Contrast Check

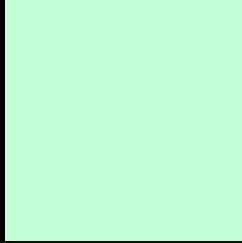
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 29.561, 153.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

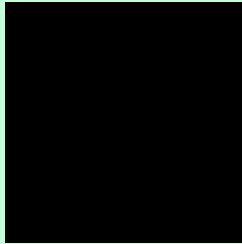
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

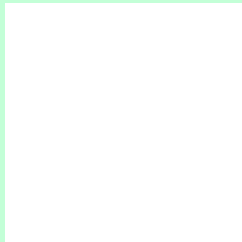
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 29.561, 153.786

Background



This preview shows how black text looks on a background with the CIELCh color 95, 29.561, 153.786.

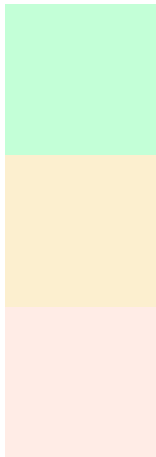


This preview shows how white text looks on a background with the CIELCh color 95, 29.561, 153.786.

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](#).

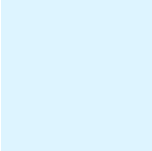
Dichromacy



Original Color
95, 29.561, 153.786

Protanopia
95, 17.075, 92.289

Deuteranopia
95, 7.539, 43.754

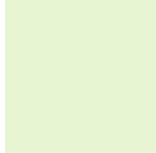


Tritanopia
95, 9.485, 235.741

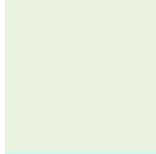
Trichromacy



Original Color
95, 29.561, 153.786



Protanomaly
95, 18.629, 124.792

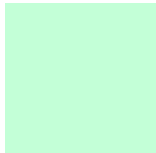


Deuteranomaly
95, 10.403, 129.657

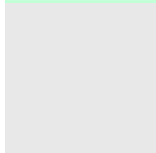


Tritanomaly
95, 13.417, 180.693

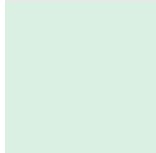
Monochromacy



Original Color
95, 29.561, 153.786



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.691, 156.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 29.561, 153.786 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(195, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 215)  
}
```

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(195, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 29.561, 153.786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

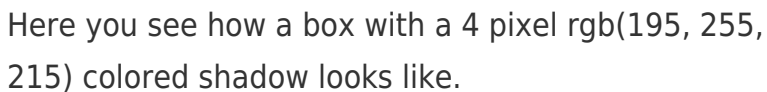
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 255, 215) }
```

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

```
.border{ border-color:rgb(195, 255, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 255, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 255, 215); box-shadow:4px 4px 4px 4px rgb(195, 255, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 29.561, 153.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 215) }
```

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

```
.background{ background-color: rgb(195,  
255, 215) }
```

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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