

Converting Colors

CIELCh(95, 29.568, 149.601)

Have a look what the booklet for
CIELCh(95, 29.568, 149.601)
contains.

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Color

CIELCh(95, 29.568, 149.601)

Conversions

Conversions Part 1

Format	Color
Hex	C7FED3
RGB	199, 254, 211
RGB Percent	78%, 100%, 83%
CMY	0.2201, 0.0044, 0.1731
CMYK	0.22, 0.00, 0.17, 0.00
HSL	133°, 96%, 89%
HSV	133°, 22%, 100%
XYZ	70.6587, 87.6183, 74.7298
YIQ	232.6530, -18.9770, -25.0330

Conversions

Conversions Part 2

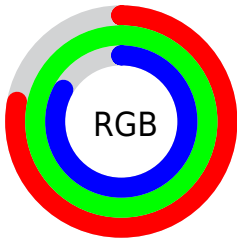
Format	Color
R_{YB}	199, 244, 254
Decimal	13106899
CIE _{Lab}	95.00, -25.50, 14.96
CIE _{LCh}	95, 29.568, 149.601
Yxy	87.6183, 0.3032, 0.3760
Android (android.graphics.Color)	4291296979 (0xFFC7FED3)
YUV	232.6530, -10.6749, -29.5137
Hunter-Lab	93.6047, -29.0652, 18.1887

Details

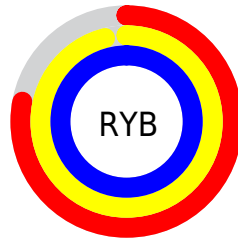
The CIELCh color **95, 29.568, 149.601** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 29.712, 332.576**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 29.702, 149.456** is the 20% darker color. If you saturate the color by 10%, you get **93, 43.152, 148.674**, and if you desaturate by 10%, it is **97, 15.872, 150.406**.

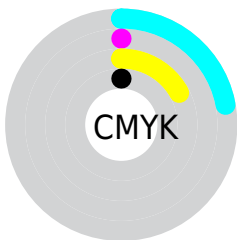
Distribution



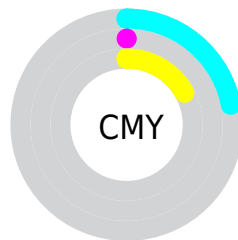
- Red (78%)
- Green (100%)
- Blue (83%)



- Red (78%)
- Yellow (96%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 29.568, 149.601 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, 29.568, 149.601 by changing the saturation by 10% instead.


 95, 29.568,
149.601


 95, 29.568,
149.601


 100, 29.568,
149.601


 85, 29.568,
149.601

 75, 29.568,
149.601

 65, 29.568,
149.601

 55, 29.568,
149.601

 45, 29.568,
149.601

 35, 29.568,
149.601

 25, 29.568,

149.601

■ 15, 29.568,
149.601

■ 5, 29.568, 149.601

■ 95, 29.568,
149.601

■ 95, 29.568,
149.601

■ 93, 43.152,
148.674

■ 97, 15.872,
150.406

■ 92, 56.386,
147.602

■ 99, 2.242, 151.235

■ 90, 69.000,
146.367

100, 0.711,
324.031

■ 89, 80.698,
144.961

■ 89, 91.178,
143.393

■ 88, 100.163,
141.704

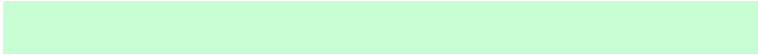
■ 88, 107.427,
139.974

■ 88, 112.111,
138.625

Harmonies

Complementary

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



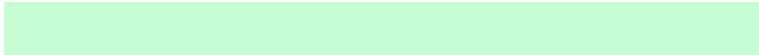
95, 29.568, 149.601



86, 29.712, 332.576

Rectangle

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



95, 29.568, 149.601



95, 29.568, 199.601



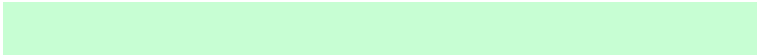
95, 29.568, 329.601



95, 29.568, 19.601

Sweetspot

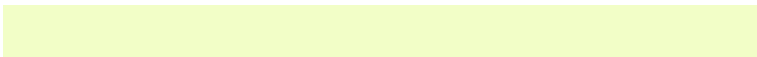
The Sweet Spot groups the original color and five complimentary colors.



95, 29.570, 149.601



99, 8.163, 150.828



98, 28.161, 117.182



52, 5.417, 150.779



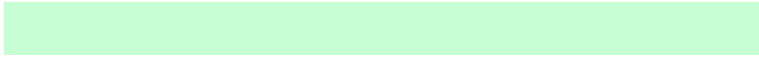
0, 0.000, 0.000



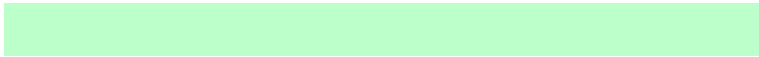
53, 0.007, 296.813

Same Dimension

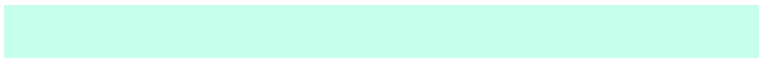
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 29.570, 149.601



95, 35.613, 149.215



96, 20.443, 175.054



52, 7.755, 150.568



68, 89.969, 138.922



23, 39.002, 141.471

Inverse Universe

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



86, 29.712, 332.576



84, 35.797, 332.878



85, 21.872, 359.387



50, 7.781, 331.749



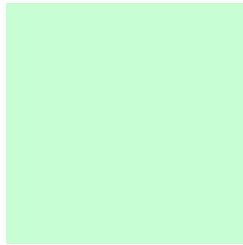
43, 78.618, 339.318



11, 36.877, 337.698

Previews

White Background



This preview shows how the CIE LCh color 95, 29.568, 149.601 looks on a white background.

Color Contrast Check

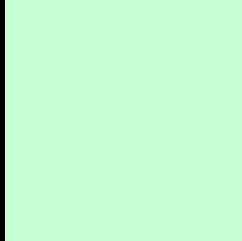
Large Text (above 18pt) WCAG AA × Fail

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, 29.568, 149.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

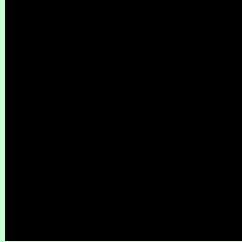
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

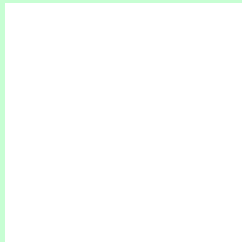
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 29.568, 149.601

Background



This preview shows how black text looks on a background with the CIELCh color 95, 29.568, 149.601.

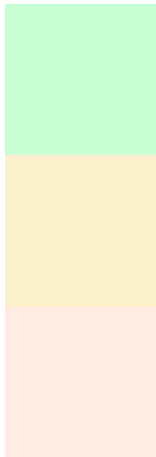


This preview shows how white text looks on a background with the CIELCh color 95, 29.568, 149.601.

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](#).

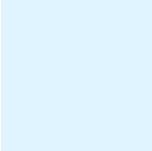
Dichromacy



Original Color
95, 29.568, 149.601

Protanopia
95, 18.554, 93.456

Deuteranopia
95, 7.771, 47.157

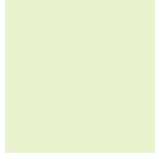


Tritanopia
95, 8.967, 238.274

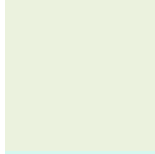
Trichromacy



Original Color
95, 29.568, 149.601



Protanomaly
95, 19.842, 120.491



Deuteranomaly
95, 10.568, 123.237

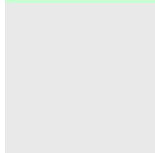


Tritanomaly
95, 12.680, 177.211

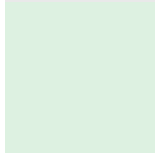
Monochromacy



Original Color
95, 29.568, 149.601



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.947, 150.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 29.568, 149.601 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(199, 254, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 254, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 29.568, 149.601 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, 211) }
```

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

```
.border{ border-color:rgb(199, 254, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 254, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 254, 211);  
box-shadow:4px 4px 4px 4px rgb(199, 254,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 29.568, 149.601 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, 211) }
```

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

```
.background{ background-color: rgb(199,  
254, 211) }
```

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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