

Converting Colors

CIELCh(95, 26.109, 152.149)

Have a look what the booklet for
CIELCh(95, 26.109, 152.149)
contains.

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Color

CIELCh(95, 26.309, 151.776)

Conversions

Conversions Part 1

Format	Color
Hex	CAFDD8
RGB	202, 253, 216
RGB Percent	79%, 99%, 85%
CMY	0.2085, 0.0085, 0.1536
CMYK	0.20, 0.00, 0.15, 0.01
HSL	136°, 92%, 89%
HSV	136°, 20%, 99%
XYZ	71.7510, 87.6183, 77.9781
YIQ	233.5330, -18.5190, -22.3190

Conversions

Conversions Part 2

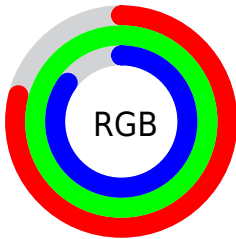
Format	Color
R _Y B	202, 242, 253
Decimal	13303256
CIE Lab	95.00, -23.18, 12.44
CIE LCh	95, 26.309, 151.776
Yxy	87.6183, 0.3023, 0.3692
Android (android.graphics.Color)	4291493336 (0xFFCAFDD8)
YUV	233.5330, -8.6438, -27.6544
Hunter-Lab	93.6047, -26.9822, 16.1313

Details

The CIELCh color **95, 26.309, 151.776** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 26.496, 334.656**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 26.298, 151.800** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.304, 150.842**, and if you desaturate by 10%, it is **97, 13.225, 152.595**.

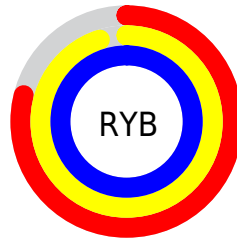
Distribution



Red (79%)

Green (99%)

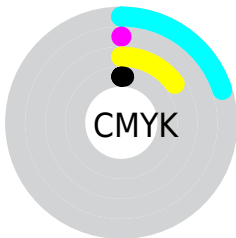
Blue (85%)



Red (79%)

Yellow (95%)

Blue (99%)

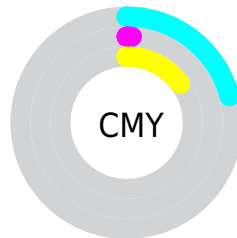


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (1%)



Cyan (21%)


Magenta (1%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 26.309, 151.776 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, 26.309, 151.776 by changing the saturation by 10% instead.


 95, 26.309,
151.776


 95, 26.309,
151.776


 100, 26.309,
151.776


 85, 26.309,
151.776

 75, 26.309,
151.776

 65, 26.309,
151.776

 55, 26.309,
151.776

 45, 26.309,
151.776

 35, 26.309,
151.776

 25, 26.309,

151.776

■ 15, 26.309,
151.776

■ 5, 26.309, 151.776

■ 95, 26.309,
151.776

■ 95, 26.309,
151.776

■ 93, 39.304,
150.842

■ 97, 13.225,
152.595

■ 92, 51.994,
149.765

■ 99, 0.212, 155.129

99, 1.359, 324.262

■ 90, 64.138,
148.524

■ 89, 75.472,
147.102

■ 89, 85.739,
145.497

■ 88, 94.713,
143.726

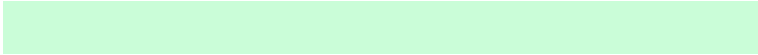
■ 88, 102.228,
141.843

■ 87, 108.165,
140.014

Harmonies

Complementary

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



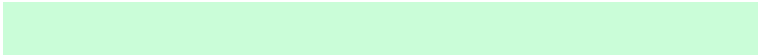
95, 26.309, 151.776



87, 26.496, 334.656

Rectangle

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



95, 26.309, 151.776



95, 26.309, 201.776



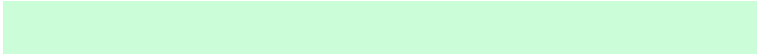
95, 26.309, 331.776



95, 26.309, 21.776

Sweetspot

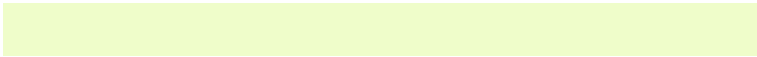
The Sweet Spot groups the original color and five complimentary colors.



95, 26.311, 151.775



99, 7.834, 152.919



97, 26.327, 119.302



52, 5.199, 152.868



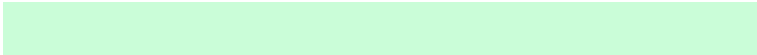
0, 0.000, 0.000



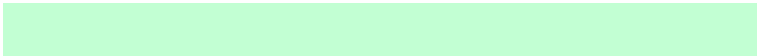
53, 0.007, 296.813

Same Dimension

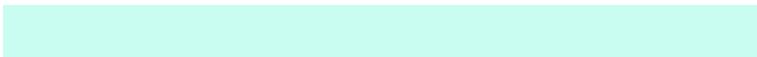
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 26.311, 151.775



95, 31.526, 151.432



96, 18.444, 178.869



52, 7.441, 152.646



68, 87.002, 140.351



23, 37.546, 143.145

Inverse Universe

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



87, 26.496, 334.656



85, 31.773, 334.943



86, 19.864, 2.822



50, 7.475, 333.883



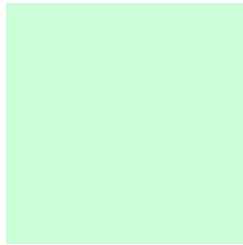
43, 75.567, 343.093



11, 35.566, 340.831

Previews

White Background



This preview shows how the CIE LCh color 95, 26.309, 151.776 looks on a white background.

Color Contrast Check

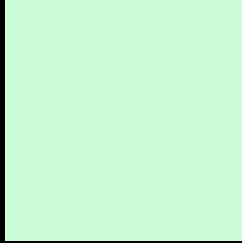
Large Text (above 18pt) WCAG AA × Fail

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, 26.309, 151.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

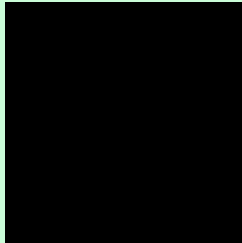
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

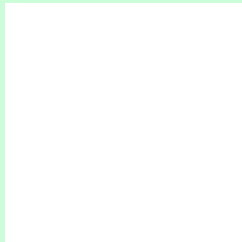
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 26.309, 151.776

Background



This preview shows how black text looks on a background with the CIELCh color 95, 26.309, 151.776.

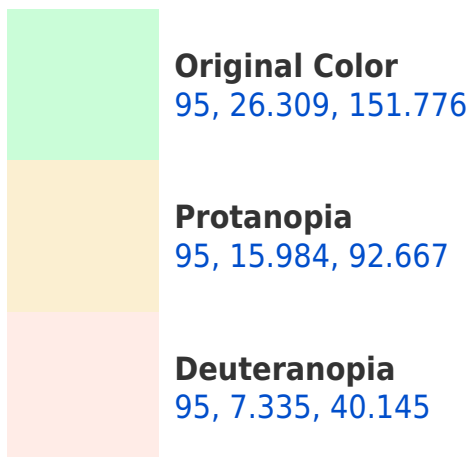


This preview shows how white text looks on a background with the CIELCh color 95, 26.309, 151.776.

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



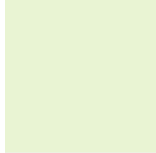


Tritanopia
95, 8.804, 243.748

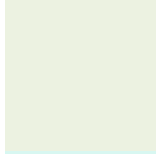
Trichromacy



Original Color
95, 26.309, 151.776



Protanomaly
95, 17.361, 122.311

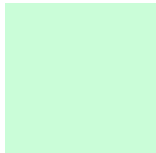


Deuteranomaly
95, 8.985, 123.416

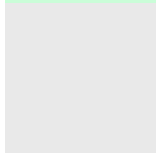


Tritanomaly
95, 11.164, 182.670

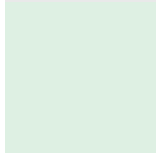
Monochromacy



Original Color
95, 26.309, 151.776



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.311, 152.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 26.309, 151.776 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, 253, 216)` looks like.

```
.text, #text, p{  
    color:rgb(202, 253, 216)  
}
```

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, 253, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 253, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 26.309, 151.776 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, 253, 216) }
```

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

```
.border{ border-color:rgb(202, 253, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 253, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 253, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 253, 216);  
box-shadow:4px 4px 4px 4px rgb(202, 253,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 26.309, 151.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 253, 216) }
```

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

```
.background{ background-color: rgb(202,  
253, 216) }
```

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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