

Converting Colors

CIELCh(95, 27.127, 148.569)

Have a look what the booklet for
CIELCh(95, 27.127, 148.569)
contains.

CIELCh(95, 27.028, 148.617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 27.028, 148.617)

Conversions

Conversions Part 1

Format	Color
Hex	CCFDD5
RGB	204, 253, 213
RGB Percent	80%, 99%, 84%
CMY	0.2013, 0.0091, 0.1660
CMYK	0.19, 0.00, 0.16, 0.01
HSL	131°, 91%, 89%
HSV	131°, 19%, 99%
XYZ	71.8016, 87.6183, 75.8626
YIQ	233.7890, -16.3640, -22.8280

Conversions

Conversions Part 2

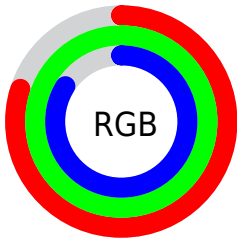
Format	Color
RYB	204, 245, 253
Decimal	13434325
CIELab	95.00, -23.07, 14.08
CIELCh	95, 27.028, 148.617
Yxy	87.6183, 0.3052, 0.3724
Android (android.graphics.Color)	4291624405 (0xFFCCFDD5)
YUV	233.7890, -10.2490, -26.1250
Hunter-Lab	93.6047, -26.8857, 17.4712

Details

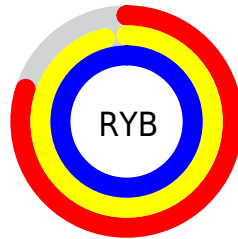
The CIELCh color **95, 27.028, 148.617** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 27.124, 331.173**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 27.058, 148.519** is the 20% darker color. If you saturate the color by 10%, you get **93, 40.959, 147.736**, and if you desaturate by 10%, it is **97, 13.034, 149.383**.

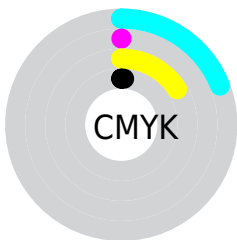
Distribution



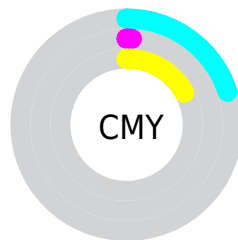
- Red (80%)
- Green (99%)
- Blue (84%)



- Red (80%)
- Yellow (96%)
- Blue (99%)



- Cyan (19%)
- Magenta (0%)
- Yellow (16%)
- Black (1%)





- Cyan (20%)
- Magenta (1%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 27.028, 148.617 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, 27.028, 148.617 by changing the saturation by 10% instead.


 95, 27.028,
148.617


 95, 27.028,
148.617


 100, 27.028,
148.617


 85, 27.028,
148.617

 75, 27.028,
148.617

 65, 27.028,
148.617

 55, 27.028,
148.617

 45, 27.028,
148.617

 35, 27.028,
148.617

 25, 27.028,

148.617

■ 15, 27.028,
148.617

■ 5, 27.028, 148.617

■ 95, 27.028,
148.617

■ 95, 27.028,
148.617

■ 93, 40.959,
147.736

■ 97, 13.034,
149.383

■ 92, 54.591,
146.715

■ 99, 0.850, 329.576

99, 1.455, 324.280

■ 90, 67.649,
145.538

■ 89, 79.817,
144.199

■ 88, 90.764,
142.710

■ 88, 100.166,
141.114

■ 87, 107.732,
139.496

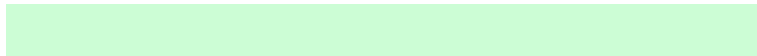
■ 87, 113.286,
138.009

■ 87, 113.568,
137.932

Harmonies

Complementary

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



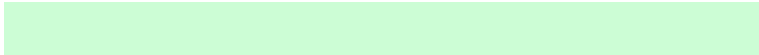
95, 27.028, 148.617



87, 27.124, 331.173

Rectangle

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



95, 27.028, 148.617



95, 27.028, 198.617



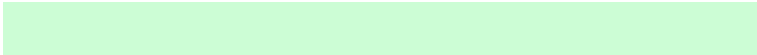
95, 27.028, 328.617



95, 27.028, 18.617

Sweetspot

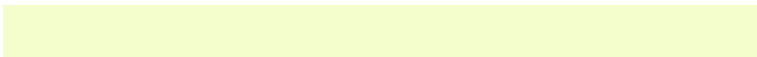
The Sweet Spot groups the original color and five complimentary colors.



95, 27.030, 148.617



99, 8.369, 149.629



97, 25.033, 115.974



52, 5.554, 149.581



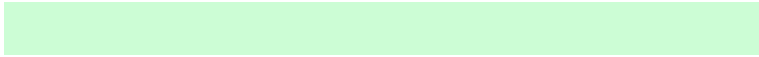
0, 0.000, 0.000



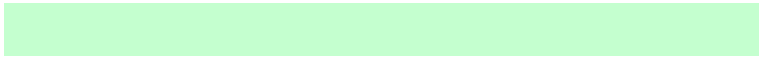
53, 0.007, 296.813

Same Dimension

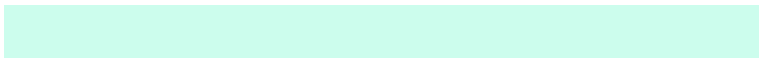
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 27.030, 148.617



95, 32.316, 148.313



96, 18.682, 172.977



52, 7.951, 149.375



68, 91.541, 138.193



23, 39.832, 140.560

Inverse Universe

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



87, 27.124, 331.173



86, 32.434, 331.411



86, 19.704, 356.777



50, 7.974, 330.527



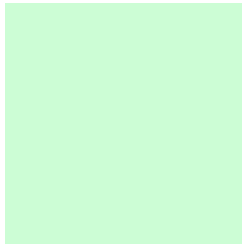
44, 80.658, 337.206



11, 37.735, 335.931

Previews

White Background



This preview shows how the CIE LCh color 95, 27.028, 148.617 looks on a white background.

Color Contrast Check

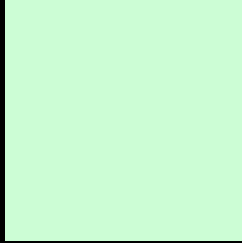
Large Text (above 18pt) WCAG AA × Fail

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, 27.028, 148.617 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

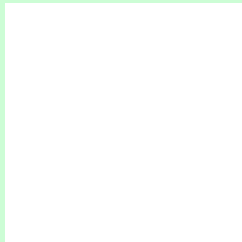
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 27.028, 148.617

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.028, 148.617.

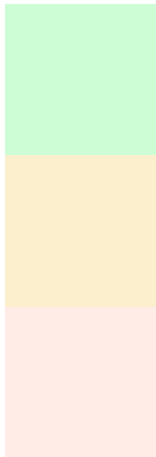


This preview shows how white text looks on a background with the CIELCh color 95, 27.028, 148.617.

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, 27.028, 148.617

Protanopia
95, 17.567, 92.702

Deuteranopia
95, 7.539, 43.754

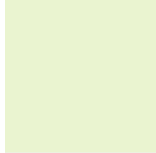


Tritanopia
95, 8.571, 245.311

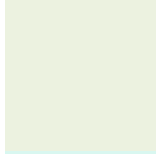
Trichromacy



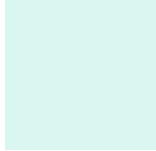
Original Color
95, 27.028, 148.617



Protanomaly
95, 18.767, 120.082

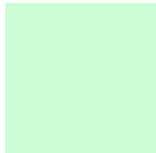


Deuteranomaly
95, 9.483, 122.653

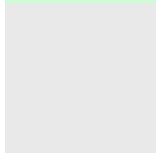


Tritanomaly
95, 11.026, 179.675

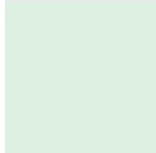
Monochromacy



Original Color
95, 27.028, 148.617



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.697, 150.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 27.028, 148.617 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(204, 253, 213)` looks like.

```
.text, #text, p{  
    color:rgb(204, 253, 213)  
}
```

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(204, 253, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 253, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 27.028, 148.617 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(204, 253, 213) }
```

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

```
.border{ border-color:rgb(204, 253, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 253, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 253, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 253, 213);  
box-shadow:4px 4px 4px 4px rgb(204, 253,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 27.028, 148.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 253, 213) }
```

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

```
.background{ background-color: rgb(204,  
253, 213) }
```

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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