

Converting Colors

CIELCh(96, 28.547, 139.047)

Have a look what the booklet for
CIELCh(96, 28.547, 139.047)
contains.

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Color

CIElCh(96, 28.686, 139.416)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFCF
RGB	214, 255, 207
RGB Percent	84%, 100%, 81%
CMY	0.1622, 0.0015, 0.1896
CMYK	0.16, 0.00, 0.19, 0.00
HSL	111°, 98%, 90%
HSV	111°, 19%, 100%
XYZ	74.4826, 90.0078, 72.2469
YIQ	237.2690, -9.0280, -23.6200

Conversions

Conversions Part 2

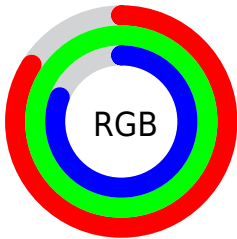
Format	Color
R _Y B	207, 255, 248
Decimal	14090191
CIE Lab	96.00, -21.79, 18.66
CIE LCh	96, 28.686, 139.416
Yxy	90.0078, 0.3146, 0.3802
Android (android.graphics.Color)	4292280271 (0xFFD6FFCF)
YUV	237.2690, -14.9226, -20.4069
Hunter-Lab	94.8724, -25.8897, 21.2604

Details

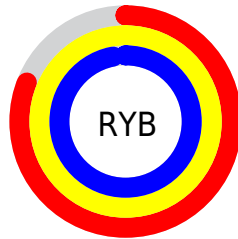
The CIELCh color **96, 28.686, 139.416** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 28.876, 321.283**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 28.336, 139.535** is the 20% darker color. If you saturate the color by 10%, you get **94, 43.928, 138.769**, and if you desaturate by 10%, it is **98, 13.406, 139.992**.

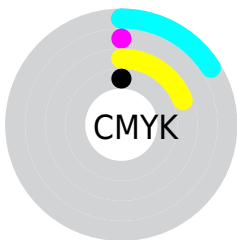
Distribution



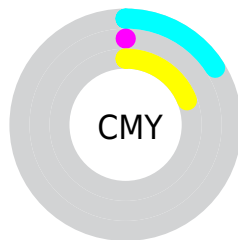
- Red (84%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (97%)



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





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 28.686, 139.416 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 96, 28.686, 139.416 by changing the saturation by 10% instead.


 96, 28.686,
139.416


 96, 28.686,
139.416

 100, 28.686,
139.416


 86, 28.686,
139.416

 76, 28.686,
139.416

 66, 28.686,
139.416

 56, 28.686,
139.416

 46, 28.686,
139.416

 36, 28.686,
139.416

 26, 28.686,

139.416

■ 16, 28.686,
139.416

■ 6, 28.686, 139.416

■ 96, 28.686,
139.416

■ 96, 28.686,
139.416

■ 94, 43.928,
138.769

■ 98, 13.406,
139.992

■ 93, 58.889,
138.048

100, 0.241,
323.163

■ 91, 73.251,
137.275

■ 90, 86.589,
136.496

■ 89, 98.353,
135.796

■ 89, 107.889,
135.297

■ 88, 114.576,
135.133

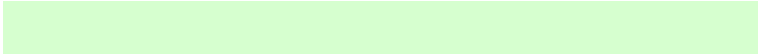
■ 88, 118.248,
135.331

■ 88, 118.561,
135.349

Harmonies

Complementary

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



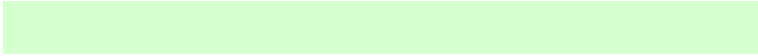
96, 28.686, 139.416



88, 28.876, 321.283

Rectangle

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



96, 28.686, 139.416



96, 28.686, 189.416



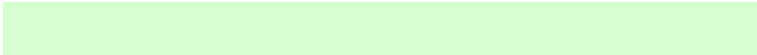
96, 28.686, 319.416



96, 28.686, 9.416

Sweetspot

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



96, 28.688, 139.417



99, 9.084, 140.148



97, 20.890, 101.148



53, 6.028, 140.112



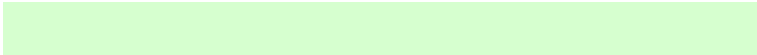
0, 0.000, 0.000



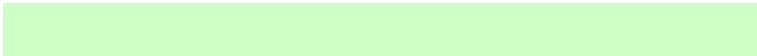
53, 0.007, 296.813

Same Dimension

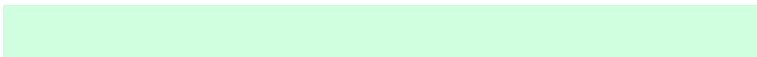
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 28.688, 139.417



95, 35.076, 139.157



96, 23.356, 154.911



52, 8.629, 139.956



68, 95.444, 135.228



23, 42.672, 134.763

Inverse Universe

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



88, 28.876, 321.283



85, 35.345, 321.479



88, 23.608, 337.776



50, 8.667, 320.833



41, 94.177, 322.639



10, 43.238, 323.286

Previews

White Background



This preview shows how the CIE LCh color 96, 28.686, 139.416 looks on a white background.

Color Contrast Check

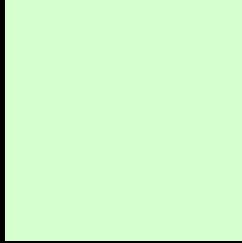
Large Text (above 18pt) WCAG AA × Fail

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 96, 28.686, 139.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

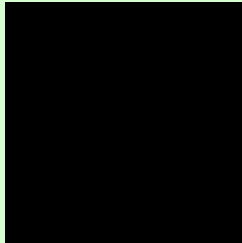
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

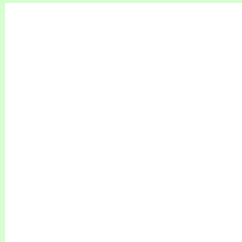
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 28.686, 139.416

Background



This preview shows how black text looks on a background with the CIELCh color 96, 28.686, 139.416.

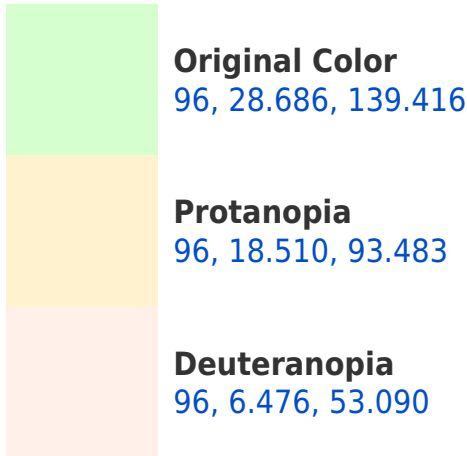


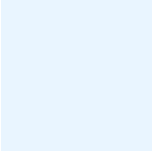
This preview shows how white text looks on a background with the CIELCh color 96, 28.686, 139.416.

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



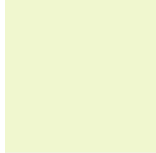


Tritanopia
96, 6.501, 251.484

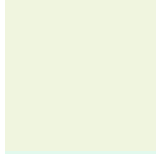
Trichromacy



Original Color
96, 28.686, 139.416



Protanomaly
96, 20.530, 115.866

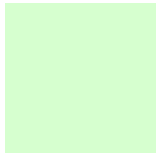


Deuteranomaly
96, 11.388, 118.461

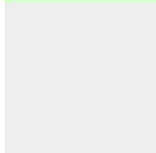


Tritanomaly
96, 10.201, 161.780

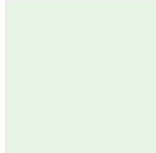
Monochromacy



Original Color
96, 28.686, 139.416



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 10.097, 139.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 28.686, 139.416 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(214, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 207)  
}
```

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(214, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 28.686, 139.416 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(214, 255, 207) }
```

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

```
.border{ border-color:rgb(214, 255, 207) }
```

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

Here you see how a box with a 4 pixel rgb(214, 255, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 28.686, 139.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 207) }
```

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

```
.background{ background-color: rgb(214,  
255, 207) }
```

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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