

Converting Colors

CIELCh(96, 28.059, 140.077)

Have a look what the booklet for
CIELCh(96, 28.059, 140.077)
contains.

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Color

CIElCh(96, 28.249, 139.941)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFD0
RGB	214, 255, 208
RGB Percent	84%, 100%, 82%
CMY	0.1624, 0.0017, 0.1860
CMYK	0.16, 0.00, 0.18, 0.00
HSL	112°, 98%, 91%
HSV	112°, 18%, 100%
XYZ	74.5623, 90.0078, 72.8469
YIQ	237.3830, -9.3490, -23.3090

Conversions

Conversions Part 2

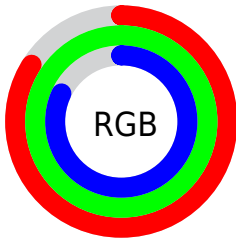
Format	Color
R _Y B	208, 255, 249
Decimal	14090192
CIE _{Lab}	96.00, -21.62, 18.18
CIE _{LCh}	96, 28.249, 139.941
Y _{xy}	90.0078, 0.3141, 0.3791
Android (android.graphics.Color)	4292280272 (0xFFD6FFD0)
YUV	237.3830, -14.4858, -20.5069
Hunter-Lab	94.8724, -25.7398, 20.8854

Details

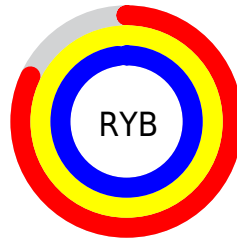
The CIELCh color **96, 28.249, 139.941** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 28.411, 321.802**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 27.880, 140.099** is the 20% darker color. If you saturate the color by 10%, you get **94, 43.582, 139.279**, and if you desaturate by 10%, it is **98, 12.884, 140.528**.

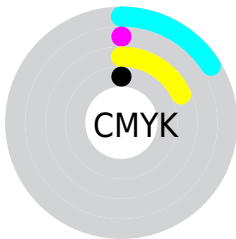
Distribution



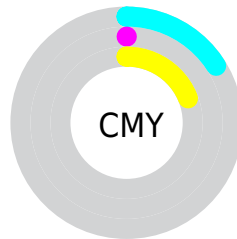
- Red (84%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 28.249, 139.941 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, 28.249, 139.941 by changing the saturation by 10% instead.


 96, 28.249,
139.941


 96, 28.249,
139.941


 100, 28.249,
139.941


 86, 28.249,
139.941

 76, 28.249,
139.941

 66, 28.249,
139.941

 56, 28.249,
139.941

 46, 28.249,
139.941

 36, 28.249,
139.941

 26, 28.249,

139.941

■ 16, 28.249,
139.941

■ 6, 28.249, 139.941

■ 96, 28.249,
139.941

■ 96, 28.249,
139.941

■ 94, 43.582,
139.279

■ 98, 12.884,
140.528

■ 93, 58.636,
138.537

100, 0.277,
323.334

■ 91, 73.087,
137.735

■ 90, 86.507,
136.915

■ 89, 98.345,
136.161

■ 89, 107.946,
135.595

■ 88, 114.684,
135.350

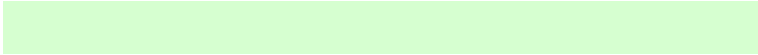
■ 88, 118.354,
135.470

■ 88, 118.758,
135.485

Harmonies

Complementary

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



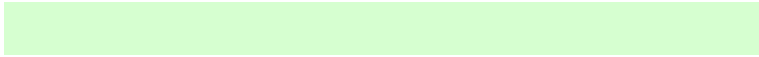
96, 28.249, 139.941



88, 28.411, 321.802

Rectangle

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



96, 28.249, 139.941



96, 28.249, 189.941



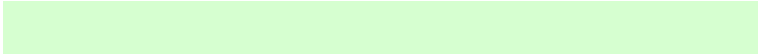
96, 28.249, 319.941



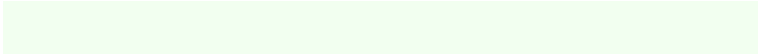
96, 28.249, 9.941

Sweetspot

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



96, 28.251, 139.942



99, 9.135, 140.666



97, 20.800, 102.105



53, 6.063, 140.629



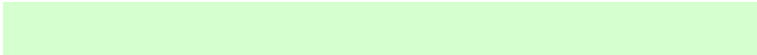
0, 0.000, 0.000



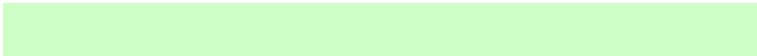
53, 0.007, 296.813

Same Dimension

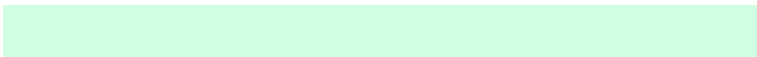
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 28.251, 139.942



95, 33.743, 139.716



96, 22.582, 155.659



52, 8.679, 140.470



68, 95.634, 135.376



23, 42.809, 135.015

Inverse Universe

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



88, 28.411, 321.802



86, 33.960, 321.973



88, 22.847, 338.502



50, 8.713, 321.364



41, 93.979, 323.311



11, 43.164, 323.884

Previews

White Background



This preview shows how the CIE LCh color 96, 28.249, 139.941 looks on a white background.

Color Contrast Check

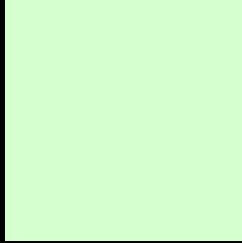
Large Text (above 18pt) WCAG AA × Fail

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, 28.249, 139.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

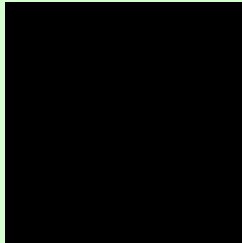
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

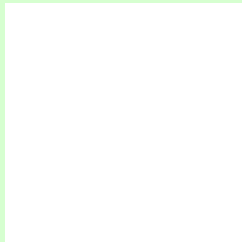
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 28.249, 139.941

Background



This preview shows how black text looks on a background with the CIELCh color 96, 28.249, 139.941.

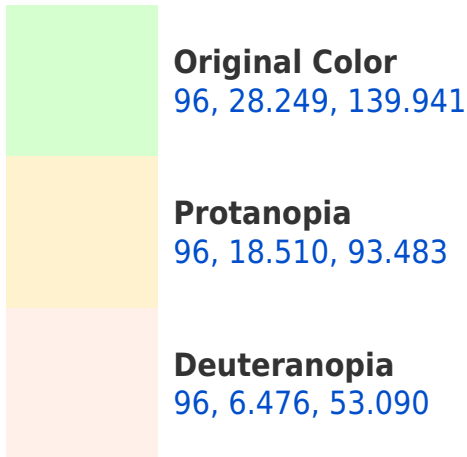


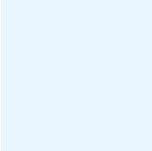
This preview shows how white text looks on a background with the CIELCh color 96, 28.249, 139.941.

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



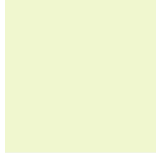


Tritanopia
96, 6.501, 251.484

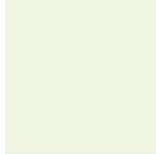
Trichromacy



Original Color
96, 28.249, 139.941



Protanomaly
96, 20.530, 115.866

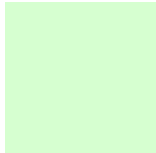


Deuteranomaly
96, 10.885, 118.913

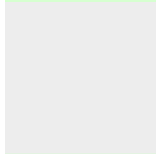


Tritanomaly
96, 9.305, 165.456

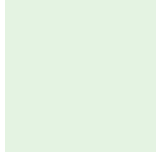
Monochromacy



Original Color
96, 28.249, 139.941



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 10.284, 140.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 28.249, 139.941 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 28.249, 139.941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

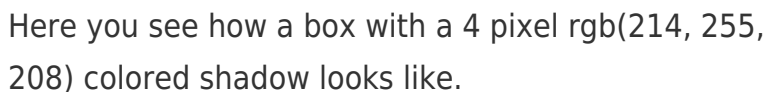
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 255, 208) }
```

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

```
.border{ border-color:rgb(214, 255, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 255, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 255, 208); box-shadow:4px 4px 4px 4px rgb(214, 255, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 28.249, 139.941 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, 208) }
```

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

```
.background{ background-color: rgb(214,  
255, 208) }
```

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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