

Converting Colors

CIELCh(96, 30.488, 139.347)

Have a look what the booklet for
CIELCh(96, 30.488, 139.347)
contains.

CIELCh(96, 30.381, 139.038)	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(96, 30.381, 139.038)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFCC
RGB	212, 255, 204
RGB Percent	83%, 100%, 80%
CMY	0.1680, 0.0000, 0.1994
CMYK	0.17, 0.00, 0.20, 0.00
HSL	111°, 100%, 90%
HSV	111°, 20%, 100%
XYZ	73.9235, 90.0078, 70.6994
YIQ	236.3290, -9.2570, -24.9770

Conversions

Conversions Part 2

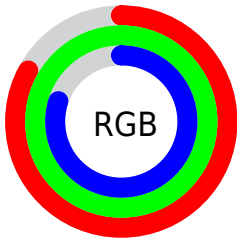
Format	Color
RYB	204, 255, 247
Decimal	13959116
CIELab	96.00, -22.94, 19.92
CIELCh	96, 30.381, 139.038
Yxy	90.0078, 0.3151, 0.3836
Android (android.graphics.Color)	4292149196 (0xFFD4FFCC)
YUV	236.3290, -15.9382, -21.3365
Hunter-Lab	94.8724, -26.9417, 22.2275

Details

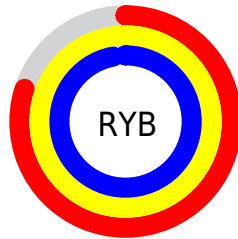
The CIELCh color **96, 30.381, 139.038** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 30.509, 320.988**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 30.108, 139.098** is the 20% darker color. If you saturate the color by 10%, you get **94, 45.469, 138.383**, and if you desaturate by 10%, it is **98, 15.036, 139.602**.

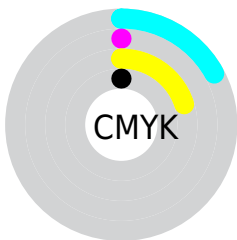
Distribution



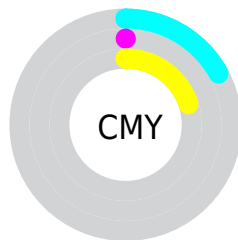
- Red (83%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 30.381, 139.038 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, 30.381, 139.038 by changing the saturation by 10% instead.


 96, 30.381,
139.038


 96, 30.381,
139.038


 100, 30.381,
139.038


 86, 30.381,
139.038

 76, 30.381,
139.038

 66, 30.381,
139.038

 56, 30.381,
139.038

 46, 30.381,
139.038

 36, 30.381,
139.038

 26, 30.381,

139.038

■ 16, 30.381,
139.038

■ 6, 30.381, 139.038

■ 96, 30.381,
139.038

■ 96, 30.381,
139.038

■ 94, 45.469,
138.383

■ 98, 15.036,
139.602

■ 93, 60.350,
137.671

100, 0.012,
296.813

■ 91, 74.601,
136.914

■ 90, 87.789,
136.164

■ 89, 99.354,
135.510

■ 89, 108.636,
135.078

■ 88, 115.034,
134.998

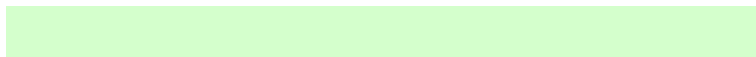
■ 88, 118.524,
135.253

■ 88, 118.540,
135.254

Harmonies

Complementary

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



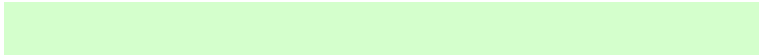
96, 30.381, 139.038



87, 30.509, 320.988

Rectangle

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



96, 30.381, 139.038



96, 30.381, 189.038



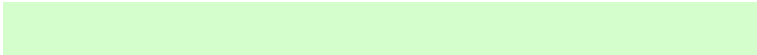
96, 30.381, 319.038



96, 30.381, 9.038

Sweetspot

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



96, 30.284, 139.028



99, 9.051, 139.815



97, 21.763, 100.075



53, 6.007, 139.779



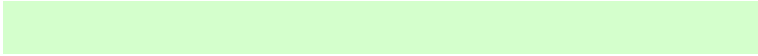
0, 0.000, 0.000



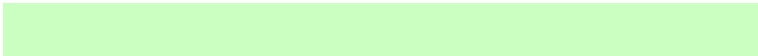
53, 0.007, 296.813

Same Dimension

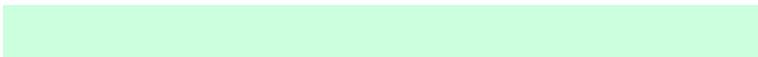
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 30.284, 139.028



95, 36.469, 138.775



96, 25.055, 154.117



52, 8.598, 139.625



68, 95.312, 135.124



23, 42.585, 134.603

Inverse Universe

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



87, 30.509, 320.988



85, 36.784, 321.178



87, 25.311, 337.122



50, 8.638, 320.492



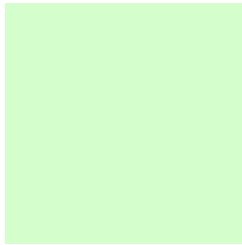
40, 94.312, 322.215



10, 43.288, 322.909

Previews

White Background



This preview shows how the CIE LCh color 96, 30.381, 139.038 looks on a white background.

Color Contrast Check

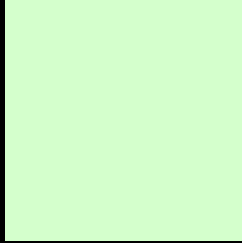
Large Text (above 18pt) WCAG AA × Fail

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, 30.381, 139.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

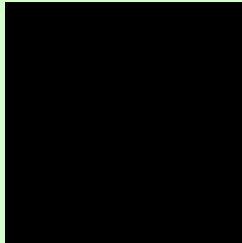
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

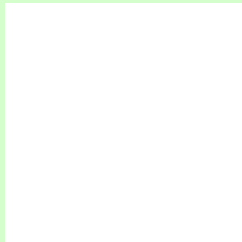
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 30.381, 139.038

Background



This preview shows how black text looks on a background with the CIELCh color 96, 30.381, 139.038.

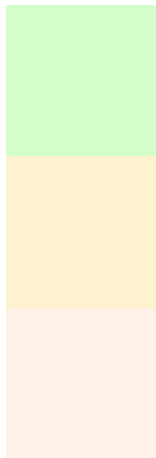


This preview shows how white text looks on a background with the CIELCh color 96, 30.381, 139.038.

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](#).

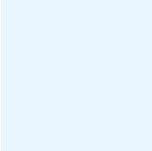
Dichromacy



Original Color
96, 30.381, 139.038

Protanopia
96, 19.003, 93.828

Deuteranopia
96, 6.777, 56.644

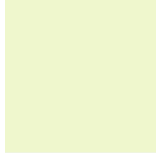


Tritanopia
96, 6.501, 251.484

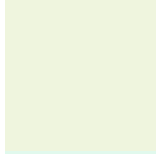
Trichromacy



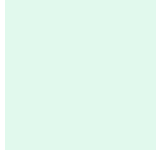
Original Color
96, 30.381, 139.038



Protanomaly
96, 21.586, 116.439

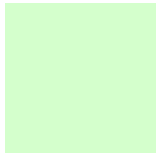


Deuteranomaly
96, 11.958, 119.752

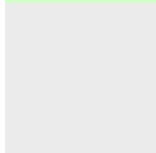


Tritanomaly
96, 10.478, 162.882

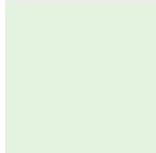
Monochromacy



Original Color
96, 30.381, 139.038



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 11.357, 139.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 30.381, 139.038 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(212, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 204)  
}
```

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(212, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 30.381, 139.038 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(212, 255, 204) }
```

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

```
.border{ border-color:rgb(212, 255, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 30.381, 139.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 204) }
```

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

```
.background{ background-color: rgb(212,  
255, 204) }
```

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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