

Converting Colors

CIELCh(98, 36.305, 140.711)

Have a look what the booklet for
CIELCh(98, 36.305, 140.711)
contains.

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Color

CIElCh(96, 30.957, 140.640)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFCD
RGB	210, 255, 205
RGB Percent	82%, 100%, 80%
CMY	0.1777, 0.0000, 0.1974
CMYK	0.18, 0.00, 0.20, 0.00
HSL	114°, 100%, 90%
HSV	114°, 20%, 100%
XYZ	73.4455, 90.0078, 71.0476
YIQ	235.8450, -10.7700, -25.0900

Conversions

Conversions Part 2

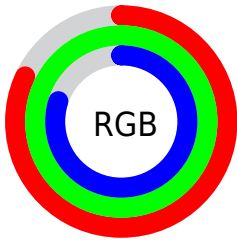
Format	Color
RYB	205, 255, 250
Decimal	13828045
CIELab	96.00, -23.94, 19.63
CIELCh	96, 30.957, 140.640
Yxy	90.0078, 0.3132, 0.3838
Android (android.graphics.Color)	4292018125 (0xFFD2FFCD)
YUV	235.8450, -15.2066, -22.6661
Hunter-Lab	94.8724, -27.8410, 22.0099

Details

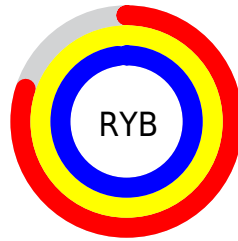
The CIELCh color **96, 30.957, 140.640** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 30.679, 322.689**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 30.059, 140.749** is the 20% darker color. If you saturate the color by 10%, you get **94, 46.004, 139.915**, and if you desaturate by 10%, it is **98, 15.001, 141.237**.

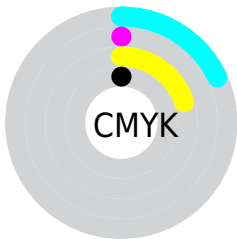
Distribution



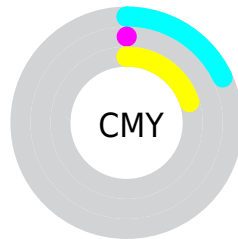
- Red (82%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (98%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 30.957, 140.640 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, 30.957, 140.640 by changing the saturation by 10% instead.


 96, 30.957,
140.640


 96, 30.957,
140.640


 100, 30.957,
140.640


 86, 30.957,
140.640


 76, 30.957,
140.640

 66, 30.957,
140.640

 56, 30.957,
140.640

 46, 30.957,
140.640

 36, 30.957,
140.640

 26, 30.957,

140.640

■ 16, 30.957,
140.640

■ 6, 30.957, 140.640

■ 96, 30.957,
140.640

■ 96, 30.957,
140.640

■ 94, 46.004,
139.915

■ 98, 15.001,
141.237

■ 92, 61.139,
139.124

100, 0.012,
296.813

■ 91, 75.590,
138.264

■ 90, 88.900,
137.382

■ 89, 100.492,
136.564

■ 89, 109.698,
135.938

■ 88, 115.921,
135.637

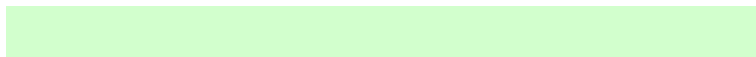
■ 88, 119.132,
135.662

■ 88, 119.195,
135.661

Harmonies

Complementary

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



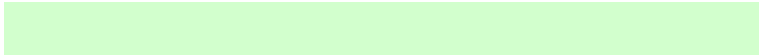
96, 30.957, 140.640



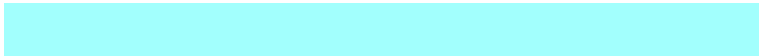
88, 30.679, 322.689

Rectangle

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



96, 30.957, 140.640



96, 30.957, 190.640



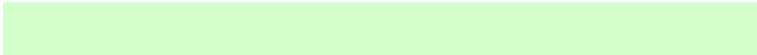
96, 30.957, 320.640



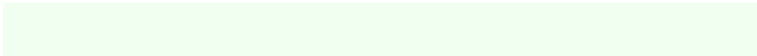
96, 30.957, 10.640

Sweetspot

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



96, 30.537, 140.619



99, 9.216, 141.454



98, 23.030, 103.700



52, 6.117, 141.416



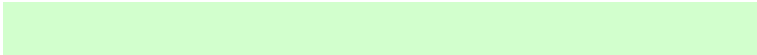
0, 0.000, 0.000



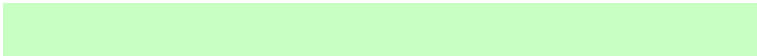
53, 0.007, 296.813

Same Dimension

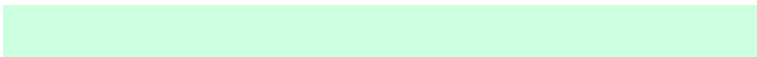
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 30.537, 140.619



95, 37.150, 140.330



96, 23.576, 157.020



52, 8.756, 141.251



68, 95.886, 135.570



23, 43.024, 135.403

Inverse Universe

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



88, 30.679, 322.689



85, 37.345, 322.899



87, 23.931, 340.187



50, 8.786, 322.175



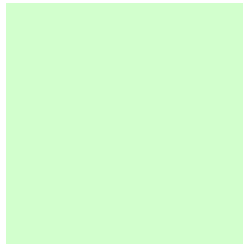
42, 93.707, 324.366



11, 43.062, 324.821

Previews

White Background



This preview shows how the CIELCh color 96, 30.957, 140.640 looks on a white background.

Color Contrast Check

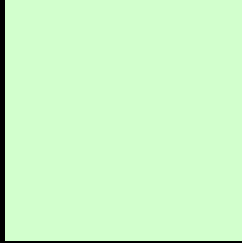
Large Text (above 18pt) WCAG AA × Fail

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, 30.957, 140.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

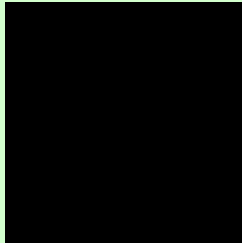
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

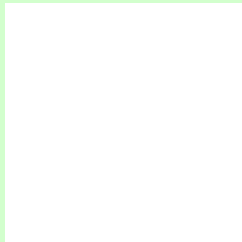
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 30.957, 140.640

Background



This preview shows how black text looks on a background with the CIELCh color 96, 30.957, 140.640.

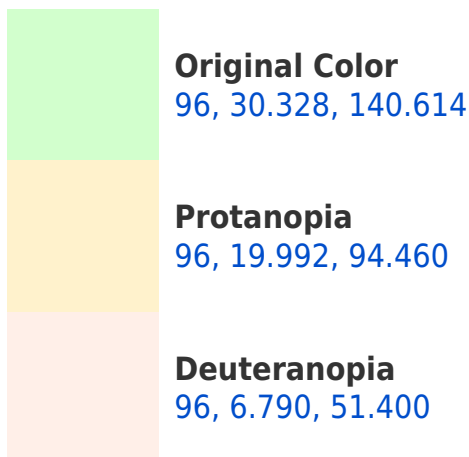


This preview shows how white text looks on a background with the CIELCh color 96, 30.957, 140.640.

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](#).

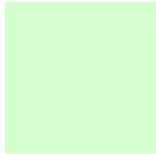
Dichromacy



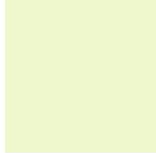


Tritanopia
96, 6.933, 247.072

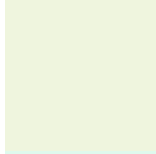
Trichromacy



Original Color
96, 30.328, 140.614



Protanomaly
96, 22.087, 116.229



Deuteranomaly
96, 11.958, 119.752

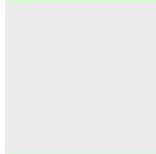


Tritanomaly
96, 11.043, 164.910

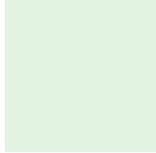
Monochromacy



Original Color
96, 30.328, 140.614



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 11.110, 142.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 30.957, 140.640 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(210, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 205)  
}
```

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(210, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 30.957, 140.640 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(210, 255, 205) }
```

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

```
.border{ border-color:rgb(210, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 30.957, 140.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 205) }
```

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

```
.background{ background-color: rgb(210,  
255, 205) }
```

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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