

Converting Colors

CIELCh(96, 36.702, 135.124)

Have a look what the booklet for
CIELCh(96, 36.702, 135.124)
contains.

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Color

CIElCh(96, 36.080, 135.010)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFC1
RGB	211, 255, 193
RGB Percent	83%, 100%, 76%
CMY	0.1719, 0.0000, 0.2426
CMYK	0.17, 0.00, 0.24, 0.00
HSL	103°, 100%, 88%
HSV	103°, 24%, 100%
XYZ	72.6886, 90.0078, 64.0703
YIQ	234.7760, -6.3220, -28.6100

Conversions

Conversions Part 2

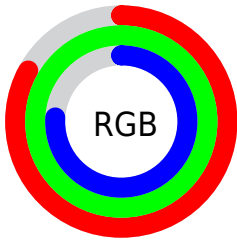
Format	Color
RYB	193, 255, 237
Decimal	13893569
CIELab	96.00, -25.52, 25.51
CIELCh	96, 36.080, 135.010
Yxy	90.0078, 0.3205, 0.3969
Android (android.graphics.Color)	4292083649 (0xFFD3FFC1)
YUV	234.7760, -20.5956, -20.8516
Hunter-Lab	94.8724, -29.2651, 26.3703

Details

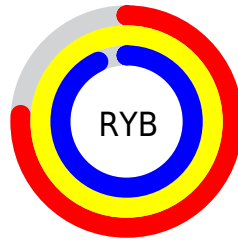
The CIELCh color **96, 36.080, 135.010** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 36.005, 317.052**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **76, 35.392, 134.680** is the 20% darker color. If you saturate the color by 10%, you get **94, 49.845, 134.306**, and if you desaturate by 10%, it is **97, 20.760, 135.378**.

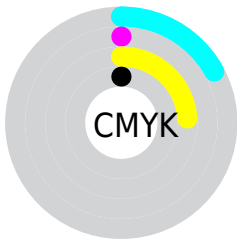
Distribution



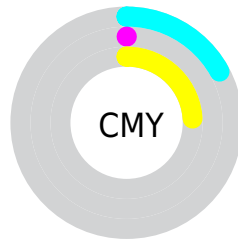
- Red (83%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 36.080, 135.010 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, 36.080, 135.010 by changing the saturation by 10% instead.


 96, 36.080,
135.010


 96, 36.080,
135.010


 100, 36.080,
135.010


 86, 36.080,
135.010

 76, 36.080,
135.010

 66, 36.080,
135.010

 56, 36.080,
135.010

 46, 36.080,
135.010

 36, 36.080,
135.010

 26, 36.080,

135.010

■ 16, 36.080,
135.010

■ 6, 36.080, 135.010

■ 96, 36.080,
135.010

■ 96, 36.080,
135.010

■ 94, 49.845,
134.306

■ 97, 20.760,
135.378

■ 93, 63.949,
133.732

■ 99, 6.170, 135.863

■ 92, 77.365,
133.181

100, 0.012,
296.813

■ 91, 89.655,
132.727

■ 90, 100.246,
132.480

■ 89, 108.494,
132.574

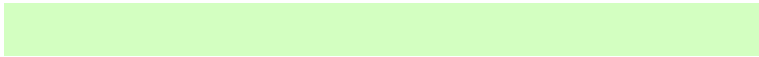
■ 89, 113.928,
133.108

■ 88, 115.953,
133.549

Harmonies

Complementary

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



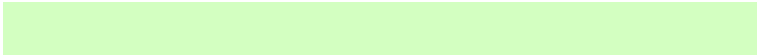
96, 36.080, 135.010



84, 36.005, 317.052

Rectangle

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



96, 36.080, 135.010



96, 36.080, 185.010



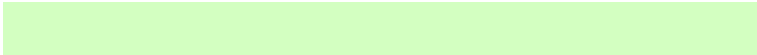
96, 36.080, 315.010



96, 36.080, 5.010

Sweetspot

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



96, 35.373, 134.862



99, 10.155, 135.729



94, 23.298, 90.624



53, 6.601, 135.700



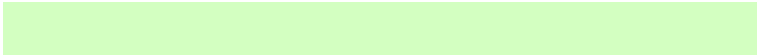
0, 0.000, 0.000



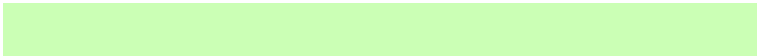
53, 0.007, 296.813

Same Dimension

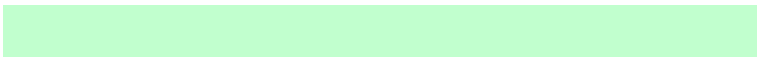
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 35.373, 134.862



95, 42.260, 134.603



95, 33.686, 148.748



52, 8.260, 135.609



68, 93.147, 133.337



23, 41.409, 132.266

Inverse Universe

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



84, 36.005, 317.052



81, 43.161, 317.261



85, 33.830, 332.083



50, 8.326, 316.394



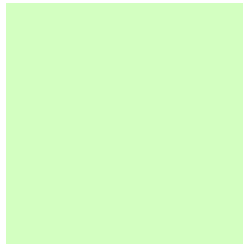
36, 96.309, 317.617



8, 44.033, 318.760

Previews

White Background



This preview shows how the CIELCh color 96, 36.080, 135.010 looks on a white background.

Color Contrast Check

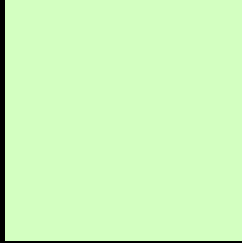
Large Text (above 18pt) WCAG AA × Fail

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, 36.080, 135.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

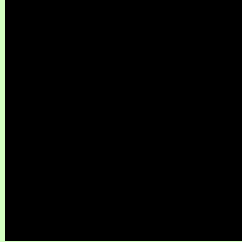
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

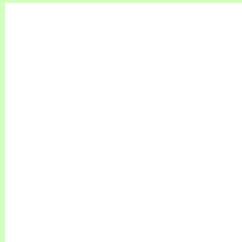
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 36.080, 135.010

Background



This preview shows how black text looks on a background with the CIELCh color 96, 36.080, 135.010.

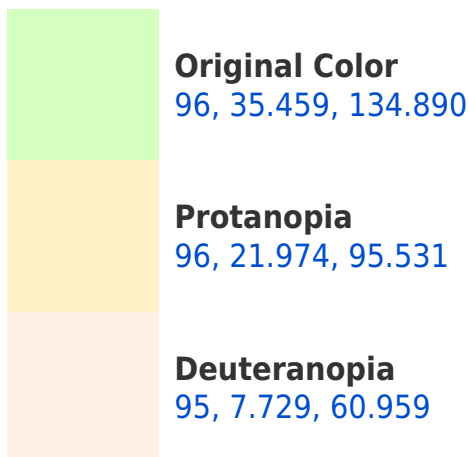


This preview shows how white text looks on a background with the CIELCh color 96, 36.080, 135.010.

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



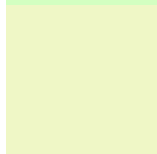


Tritanopia
96, 6.906, 254.251

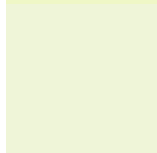
Trichromacy



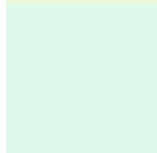
Original Color
96, 35.459, 134.890



Protanomaly
96, 25.089, 115.116



Deuteranomaly
95, 14.972, 117.462

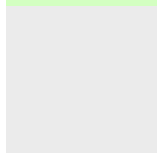


Tritanomaly
96, 11.496, 156.789

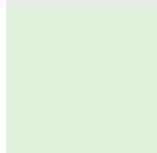
Monochromacy



Original Color
96, 35.459, 134.890



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 12.724, 136.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 36.080, 135.010 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(211, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 193)  
}
```

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(211, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 36.080, 135.010 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(211, 255, 193) }
```

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

```
.border{ border-color:rgb(211, 255, 193) }
```

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

Here you see how a box with a 4 pixel rgb(211, 255, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 36.080, 135.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 193) }
```

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

```
.background{ background-color: rgb(211,  
255, 193) }
```

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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