

Converting Colors

CIECh(96, 30.404, 145.030)

Have a look what the booklet for
CIELCh(96, 30.404, 145.030)
contains.

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Color

CIELCh(96, 29.655, 145.377)

Conversions

Conversions Part 1

Format	Color
Hex	CEFFD2
RGB	206, 255, 210
RGB Percent	81%, 100%, 82%
CMY	0.1919, 0.0000, 0.1762
CMYK	0.19, 0.00, 0.18, 0.00
HSL	125°, 100%, 90%
HSV	125°, 19%, 100%
XYZ	73.2209, 90.0078, 74.5227
YIQ	235.2190, -14.7590, -24.3830

Conversions

Conversions Part 2

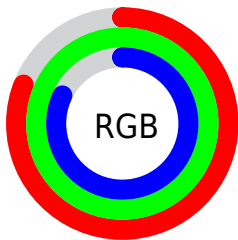
Format	Color
R_{YB}	206, 251, 255
Decimal	13565906
CIE _{Lab}	96.00, -24.40, 16.85
CIE _{LCh}	96, 29.655, 145.377
Yxy	90.0078, 0.3080, 0.3786
Android (android.graphics.Color)	4291755986 (0xFFCEFFD2)
YUV	235.2190, -12.4330, -25.6251
Hunter-Lab	94.8724, -28.2635, 19.8381

Details

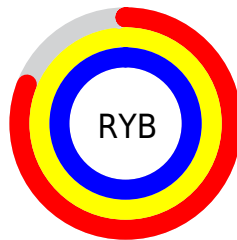
The CIELCh color **96, 29.655, 145.377** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 29.030, 327.823**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 29.146, 145.220** is the 20% darker color. If you saturate the color by 10%, you get **94, 44.092, 144.615**, and if you desaturate by 10%, it is **98, 13.818, 146.184**.

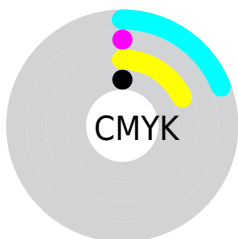
Distribution



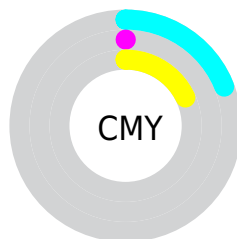
- Red (81%)
- Green (100%)
- Blue (82%)



- Red (81%)
- Yellow (98%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 29.655, 145.377 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, 29.655, 145.377 by changing the saturation by 10% instead.

 96, 29.655,
145.377


 96, 29.655,
145.377


 100, 29.655,
145.377


 86, 29.655,
145.377

 76, 29.655,
145.377

 66, 29.655,
145.377

 56, 29.655,
145.377

 46, 29.655,
145.377

 36, 29.655,
145.377

 26, 29.655,

145.377

■ 16, 29.655,
145.377

■ 6, 29.655, 145.377

■ 96, 29.655,
145.377

■ 96, 29.655,
145.377

■ 94, 44.092,
144.615

■ 98, 13.818,
146.184

■ 92, 58.859,
143.640

100, 0.012,
296.813

■ 91, 72.950,
142.526

■ 90, 85.964,
141.285

■ 89, 97.441,
139.963

■ 88, 106.890,
138.646

■ 88, 113.847,
137.463

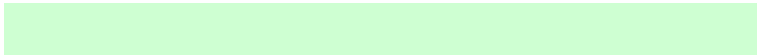
■ 88, 118.054,
136.577

■ 88, 118.289,
136.531

Harmonies

Complementary

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



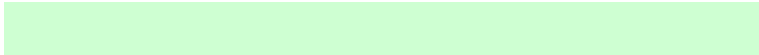
96, 29.655, 145.377



88, 29.030, 327.823

Rectangle

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



96, 29.655, 145.377



96, 29.655, 195.377



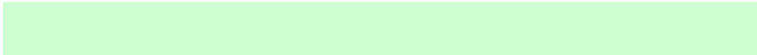
96, 29.655, 325.377



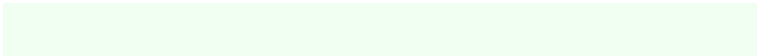
96, 29.655, 15.377

Sweetspot

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



96, 28.989, 145.457



99, 8.997, 146.402



99, 24.743, 111.127



52, 5.971, 146.357



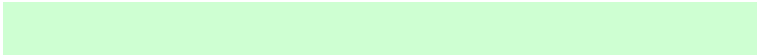
0, 0.000, 0.000



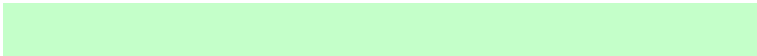
53, 0.007, 296.813

Same Dimension

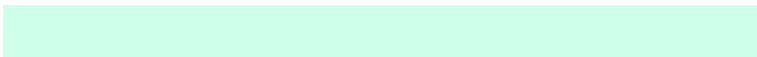
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 28.989, 145.457



95, 34.763, 145.151



96, 20.220, 165.654



52, 8.549, 146.163



68, 94.926, 136.682



22, 42.038, 138.353

Inverse Universe

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



88, 29.030, 327.823



86, 34.806, 328.048



87, 20.897, 349.203



50, 8.565, 327.246



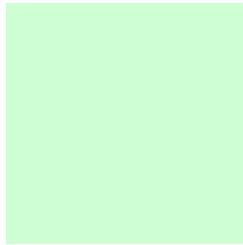
45, 87.295, 331.782



12, 40.471, 331.321

Previews

White Background



This preview shows how the CIE LCh color 96, 29.655, 145.377 looks on a white background.

Color Contrast Check

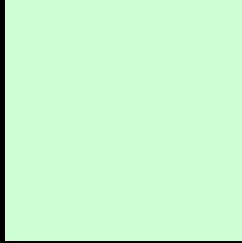
Large Text (above 18pt) WCAG AA × Fail

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, 29.655, 145.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

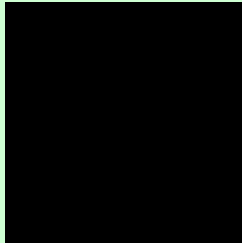
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

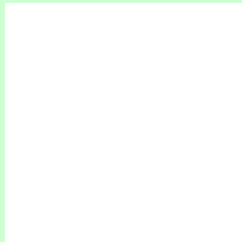
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 29.655, 145.377

Background



This preview shows how black text looks on a background with the CIELCh color 96, 29.655, 145.377.

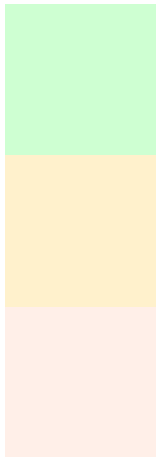


This preview shows how white text looks on a background with the CIELCh color 96, 29.655, 145.377.

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](#).

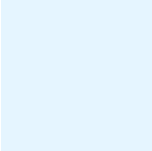
Dichromacy



Original Color
96, 29.026, 145.455

Protanopia
95, 19.612, 93.069

Deuteranopia
96, 6.790, 51.400

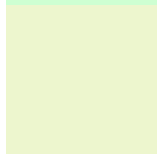


Tritanopia
96, 7.399, 243.207

Trichromacy



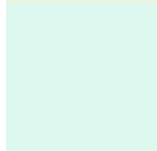
Original Color
96, 29.026, 145.455



Protanomaly
95, 20.662, 117.887



Deuteranomaly
95, 11.133, 124.381

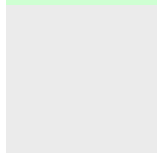


Tritanomaly
96, 11.068, 171.132

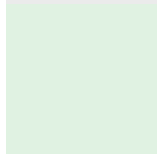
Monochromacy



Original Color
96, 29.026, 145.455



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 10.484, 147.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 29.655, 145.377 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(206, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 210)  
}
```

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(206, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 29.655, 145.377 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(206, 255, 210) }
```

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

```
.border{ border-color:rgb(206, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 29.655, 145.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 210) }
```

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

```
.background{ background-color: rgb(206,  
255, 210) }
```

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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