

Converting Colors

CIELCh(96, 24.898, 143.486)

Have a look what the booklet for
CIELCh(96, 24.898, 143.486)
contains.

CIELCh(96, 25.055, 143.465)	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, 25.055, 143.465)

Conversions

Conversions Part 1

Format	Color
Hex	D6FED6
RGB	214, 254, 214
RGB Percent	84%, 100%, 84%
CMY	0.1609, 0.0040, 0.1609
CMYK	0.16, 0.00, 0.16, 0.00
HSL	120°, 95%, 92%
HSV	120°, 16%, 100%
XYZ	75.2873, 90.0078, 77.0024
YIQ	237.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

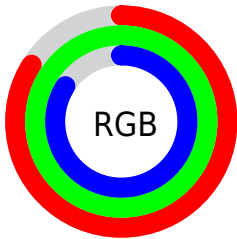
Format	Color
R _Y B	214, 254, 254
Decimal	14089942
CIE Lab	96.00, -20.13, 14.92
CIE LCh	96, 25.055, 143.465
Yxy	90.0078, 0.3107, 0.3715
Android (android.graphics.Color)	4292280022 (0xFFD6FED6)
YUV	237.4800, -11.5756, -20.5920
Hunter-Lab	94.8724, -24.3757, 18.2885

Details

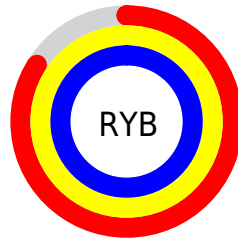
The CIELCh color **96, 25.055, 143.465** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **90, 25.081, 325.302**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 24.994, 143.224** is the 20% darker color. If you saturate the color by 10%, you get **94, 41.026, 142.686**, and if you desaturate by 10%, it is **98, 9.090, 144.145**.

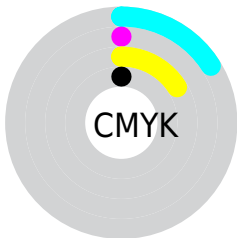
Distribution



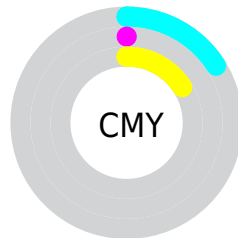
- Red (84%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 25.055, 143.465 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, 25.055, 143.465 by changing the saturation by 10% instead.


 96, 25.055,
143.465


 96, 25.055,
143.465


 100, 25.055,
143.465


 86, 25.055,
143.465

 76, 25.055,
143.465

 66, 25.055,
143.465

 56, 25.055,
143.465

 46, 25.055,
143.465

 36, 25.055,
143.465

 26, 25.055,

143.465

■ 16, 25.055,
143.465

■ 6, 25.055, 143.465

■ 96, 25.055,
143.465

■ 96, 25.055,
143.465

■ 94, 41.026,
142.686

■ 98, 9.090, 144.145

■ 92, 56.717,
141.785

100, 0.647,
323.986

■ 91, 71.762,
140.762

■ 90, 85.695,
139.643

■ 89, 97.948,
138.494

■ 88, 107.874,
137.429

■ 88, 114.848,
136.599

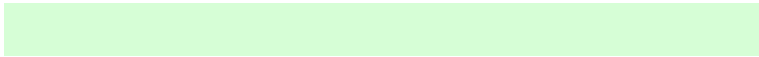
■ 87, 118.545,
136.129

■ 87, 119.412,
136.016

Harmonies

Complementary

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



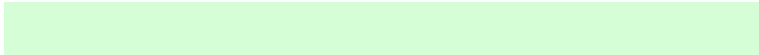
96, 25.055, 143.465



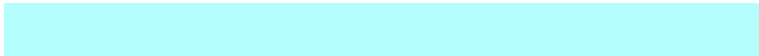
90, 25.081, 325.302

Rectangle

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



96, 25.055, 143.465



96, 25.055, 193.465



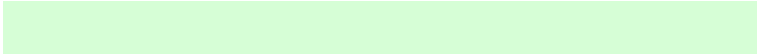
96, 25.055, 323.465



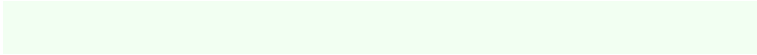
96, 25.055, 13.465

Sweetspot

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



96, 25.057, 143.465



99, 7.923, 144.195



99, 20.233, 108.641



53, 5.409, 144.148



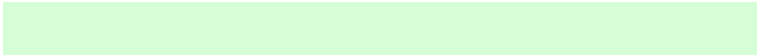
0, 0.000, 0.000



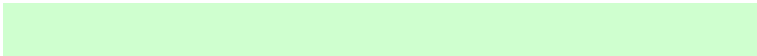
53, 0.007, 296.813

Same Dimension

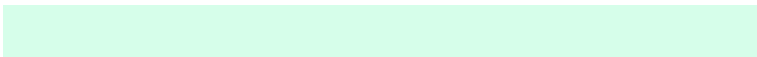
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.057, 143.465



96, 30.356, 143.225



96, 17.397, 162.305



52, 9.043, 143.897



68, 96.474, 136.016



22, 43.825, 136.777

Inverse Universe

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



90, 25.081, 325.302



88, 30.378, 325.483



89, 17.750, 344.997



50, 9.057, 324.948



45, 93.080, 328.234



12, 42.822, 328.234

Previews

White Background



This preview shows how the CIE LCh color 96, 25.055, 143.465 looks on a white background.

Color Contrast Check

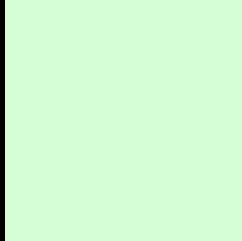
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 25.055, 143.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

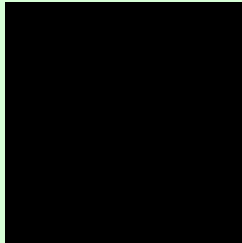
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

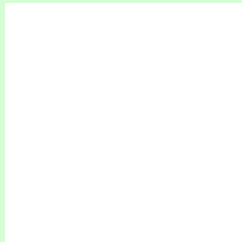
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 25.055, 143.465

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.055, 143.465.

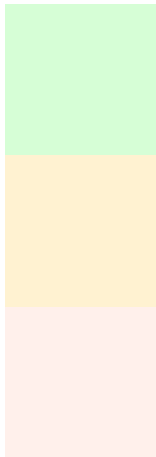


This preview shows how white text looks on a background with the CIELCh color 96, 25.055, 143.465.

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, 25.055, 143.465

Protanopia
96, 17.525, 92.728

Deuteranopia
96, 5.960, 44.972

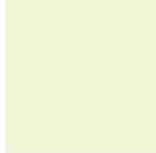


Tritanopia
96, 6.501, 251.484

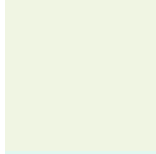
Trichromacy



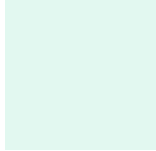
Original Color
96, 25.055, 143.465



Protanomaly
96, 17.980, 115.865



Deuteranomaly
96, 9.380, 120.534

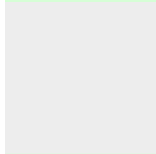


Tritanomaly
96, 8.749, 170.954

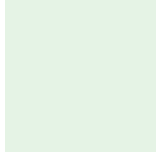
Monochromacy



Original Color
96, 25.055, 143.465



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 8.786, 144.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 25.055, 143.465 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, 254, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 254, 214)  
}
```

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, 254, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 254, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 25.055, 143.465 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, 254, 214) }
```

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

```
.border{ border-color:rgb(214, 254, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 254, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 254, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 254, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 254,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 25.055, 143.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 254, 214) }
```

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

```
.background{ background-color: rgb(214,  
254, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor