

Converting Colors

CIELCh(96, 21.465, 154.098)

Have a look what the booklet for
CIELCh(96, 21.465, 154.098)
contains.

CIELCh(96, 21.322, 154.065)	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, 21.322, 154.065)

Conversions

Conversions Part 1

Format	Color
Hex	D3FEE1
RGB	211, 254, 225
RGB Percent	83%, 100%, 88%
CMY	0.1733, 0.0047, 0.1184
CMYK	0.17, 0.00, 0.11, 0.00
HSL	140°, 95%, 91%
HSV	140°, 17%, 100%
XYZ	75.7554, 90.0078, 84.4797
YIQ	237.8370, -16.3190, -18.1350

Conversions

Conversions Part 2

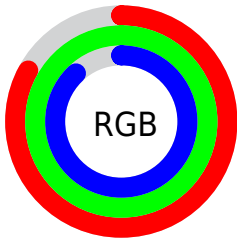
Format	Color
R _Y B	211, 243, 254
Decimal	13893345
CIE Lab	96.00, -19.17, 9.33
CIE LCh	96, 21.322, 154.065
Yxy	90.0078, 0.3027, 0.3597
Android (android.graphics.Color)	4292083425 (0xFFD3FEE1)
YUV	237.8370, -6.3286, -23.5360
Hunter-Lab	94.8724, -23.4950, 13.6156

Details

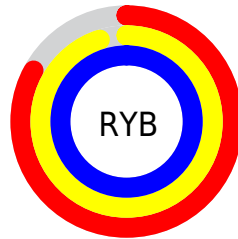
The CIELCh color **96, 21.322, 154.065** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 21.507, 336.547**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 21.078, 154.403** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.896, 153.143**, and if you desaturate by 10%, it is **98, 8.702, 154.890**.

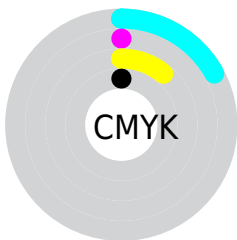
Distribution



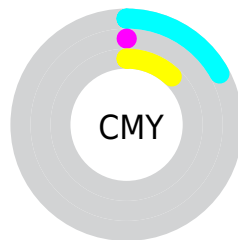
- Red (83%)
- Green (100%)
- Blue (88%)



- Red (83%)
- Yellow (95%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 21.322, 154.065 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, 21.322, 154.065 by changing the saturation by 10% instead.


 96, 21.322,
154.065


 96, 21.322,
154.065


 100, 21.322,
154.065


 86, 21.322,
154.065

 76, 21.322,
154.065

 66, 21.322,
154.065

 56, 21.322,
154.065

 46, 21.322,
154.065

 36, 21.322,
154.065

 26, 21.322,

154.065

■ 16, 21.322,
154.065

■ 6, 21.322, 154.065

■ 96, 21.322,
154.065

■ 96, 21.322,
154.065

■ 94, 33.896,
153.143

■ 98, 8.702, 154.890

■ 93, 46.230,
152.088

100, 0.747,
324.054

■ 91, 58.107,
150.875

■ 90, 69.287,
149.482

■ 89, 79.534,
147.895

■ 88, 88.643,
146.115

■ 88, 96.472,
144.169

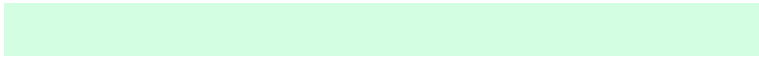
■ 88, 102.969,
142.126

■ 88, 104.744,
141.529

Harmonies

Complementary

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



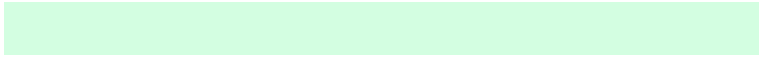
96, 21.322, 154.065



89, 21.507, 336.547

Rectangle

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



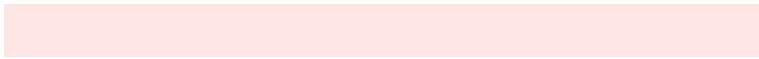
96, 21.322, 154.065



96, 21.322, 204.065



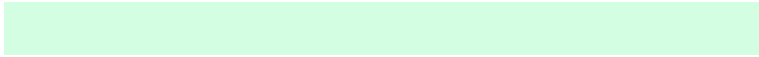
96, 21.322, 334.065



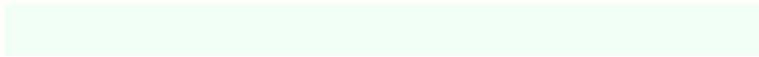
96, 21.322, 24.065

Sweetspot

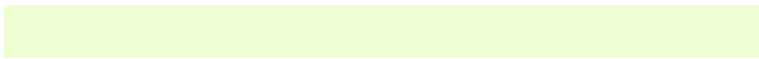
The Sweet Spot groups the original color and five complimentary colors.



96, 21.324, 154.064



99, 6.283, 155.052



98, 22.378, 121.470



53, 4.289, 154.992



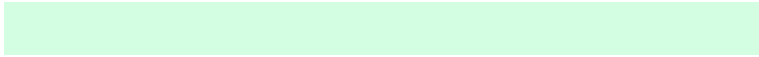
0, 0.000, 0.000



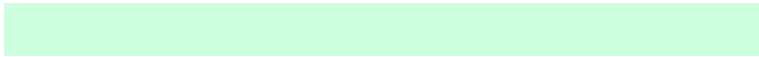
53, 0.007, 296.813

Same Dimension

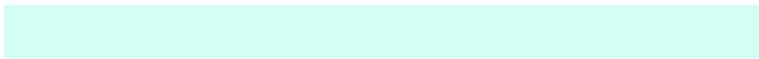
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.324, 154.064



96, 25.279, 153.794



97, 15.219, 183.047



52, 7.166, 154.682



68, 83.947, 141.901



23, 36.139, 144.864

Inverse Universe

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



89, 21.507, 336.547



87, 25.526, 336.787



88, 16.353, 6.183



50, 7.207, 335.977



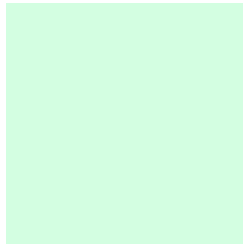
42, 73.152, 346.874



11, 34.490, 343.946

Previews

White Background



This preview shows how the CIELCh color 96, 21.322, 154.065 looks on a white background.

Color Contrast Check

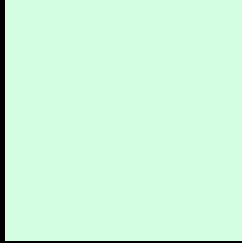
Large Text (above 18pt) WCAG AA × Fail

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, 21.322, 154.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

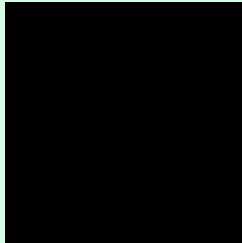
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

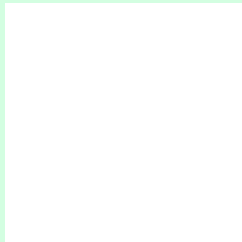
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 21.322, 154.065

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.322, 154.065.

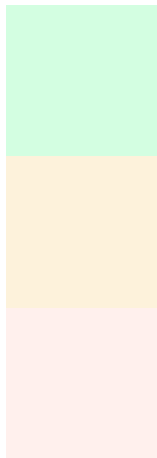


This preview shows how white text looks on a background with the CIELCh color 96, 21.322, 154.065.

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, 21.322, 154.065

Protanopia
96, 12.412, 90.192

Deuteranopia
96, 5.587, 35.538

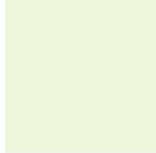


Tritanopia
96, 6.712, 249.205

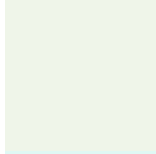
Trichromacy



Original Color
96, 21.322, 154.065



Protanomaly
96, 13.104, 121.991



Deuteranomaly
96, 6.512, 128.875

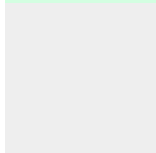


Tritanomaly
96, 8.572, 185.056

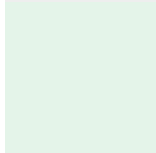
Monochromacy



Original Color
96, 21.322, 154.065



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 8.037, 154.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.322, 154.065 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, 254, 225)` looks like.

```
.text, #text, p{  
    color:rgb(211, 254, 225)  
}
```

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, 254, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 254, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.322, 154.065 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, 254, 225) }
```

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

```
.border{ border-color:rgb(211, 254, 225) }
```

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

Here you see how a box with a 4 pixel rgb(211, 254, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 254, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 254, 225);  
box-shadow:4px 4px 4px 4px rgb(211, 254,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.322, 154.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 254, 225) }
```

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

```
.background{ background-color: rgb(211,  
254, 225) }
```

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