

Converting Colors

CIELCh(96, 22.721, 156.141)

Have a look what the booklet for
CIELCh(96, 22.721, 156.141)
contains.

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Color

CIElCh(96, 22.916, 155.989)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFE1
RGB	207, 255, 225
RGB Percent	81%, 100%, 88%
CMY	0.1892, 0.0010, 0.1186
CMYK	0.19, 0.00, 0.12, 0.00
HSL	143°, 99%, 90%
HSV	143°, 19%, 100%
XYZ	74.8967, 90.0078, 84.4803
YIQ	237.2280, -18.9780, -19.5060

Conversions

Conversions Part 2

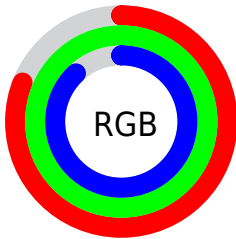
Format	Color
R_{YB}	207, 242, 255
Decimal	13631457
CIE Lab	96.00, -20.93, 9.32
CIE LCh	96, 22.916, 155.989
Yxy	90.0078, 0.3003, 0.3609
Android (android.graphics.Color)	4291821537 (0xFFCFFFE1)
YUV	237.2280, -6.0284, -26.5100
Hunter-Lab	94.8724, -25.1107, 13.6152

Details

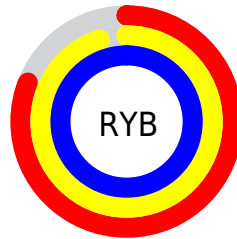
The CIELCh color **96, 22.916, 155.989** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 23.205, 338.921**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 22.738, 156.328** is the 20% darker color. If you saturate the color by 10%, you get **94, 35.005, 155.015**, and if you desaturate by 10%, it is **98, 10.729, 156.858**.

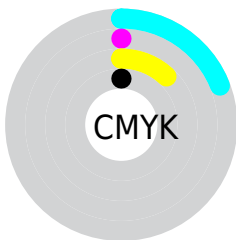
Distribution



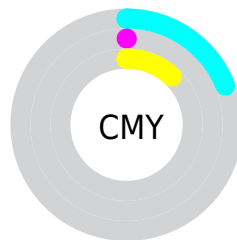
- Red (81%)
- Green (100%)
- Blue (88%)



- Red (81%)
- Yellow (95%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 22.916, 155.989 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, 22.916, 155.989 by changing the saturation by 10% instead.

 96, 22.916,
155.989


 96, 22.916,
155.989


 100, 22.916,
155.989


 86, 22.916,
155.989

 76, 22.916,
155.989

 66, 22.916,
155.989

 56, 22.916,
155.989

 46, 22.916,
155.989

 36, 22.916,
155.989

 26, 22.916,

155.989

■ 16, 22.916,
155.989

■ 6, 22.916, 155.989

■ 96, 22.916,
155.989

■ 96, 22.916,
155.989

■ 94, 35.005,
155.015

■ 98, 10.729,
156.858

■ 93, 46.805,
153.906

100, 0.167,
322.589

■ 91, 58.105,
152.635

■ 90, 68.680,
151.179

■ 89, 78.320,
149.521

■ 89, 86.857,
147.659

■ 88, 94.199,
145.615

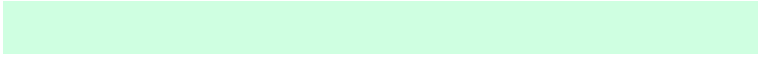
■ 88, 100.382,
143.471

■ 88, 101.050,
143.234

Harmonies

Complementary

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



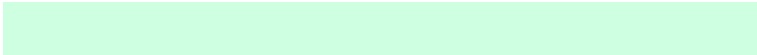
96, 22.916, 155.989



88, 23.205, 338.921

Rectangle

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



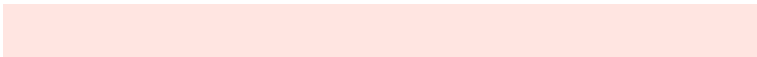
96, 22.916, 155.989



96, 22.916, 205.989



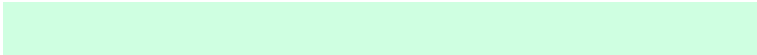
96, 22.916, 335.989



96, 22.916, 25.989

Sweetspot

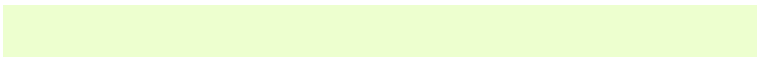
The Sweet Spot groups the original color and five complimentary colors.



96, 22.918, 155.988



99, 7.276, 157.100



98, 25.180, 123.290



53, 4.828, 157.043



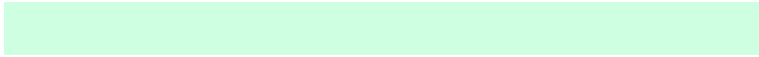
0, 0.000, 0.000



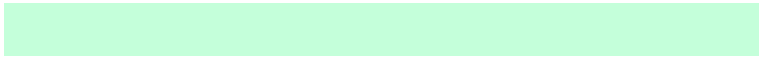
53, 0.007, 296.813

Same Dimension

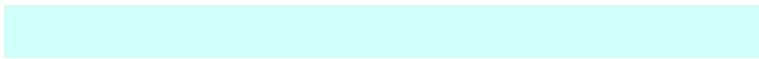
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 22.918, 155.988



95, 27.990, 155.598



97, 16.537, 186.919



52, 6.908, 156.802



68, 80.726, 143.633



23, 34.718, 146.717

Inverse Universe

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



88, 23.205, 338.921



85, 28.407, 339.276



87, 18.139, 10.258



50, 6.959, 338.156



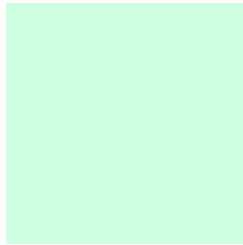
42, 71.192, 350.853



11, 33.567, 347.211

Previews

White Background



This preview shows how the CIE LCh color 96, 22.916, 155.989 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, 22.916, 155.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

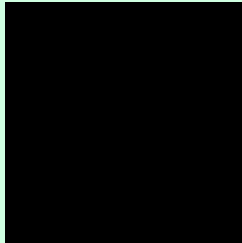
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

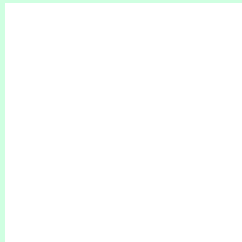
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 22.916, 155.989

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.916, 155.989.

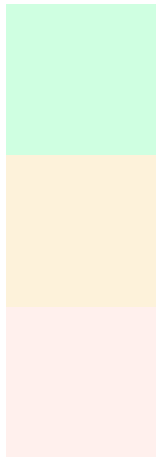


This preview shows how white text looks on a background with the CIELCh color 96, 22.916, 155.989.

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

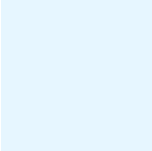
96, 22.916, 155.989

Protanopia

96, 12.898, 90.868

Deuteranopia

96, 5.587, 35.538

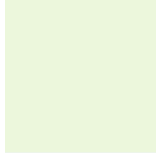


Tritanopia
96, 7.066, 240.063

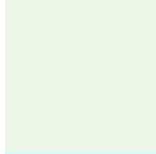
Trichromacy



Original Color
96, 22.916, 155.989



Protanomaly
96, 14.369, 125.240



Deuteranomaly
96, 6.789, 134.495

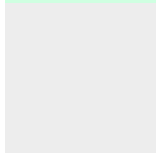


Tritanomaly
96, 9.696, 183.486

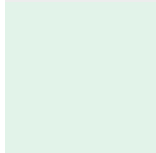
Monochromacy



Original Color
96, 22.916, 155.989



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 7.946, 158.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 22.916, 155.989 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(207, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 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(207, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.916, 155.989 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(207, 255, 225) }
```

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

```
.border{ border-color:rgb(207, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.916, 155.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 225) }
```

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

```
.background{ background-color: rgb(207,  
255, 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](#).

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