

Converting Colors

CIELCh(96, 14.487, 151.008)

Have a look what the booklet for
CIELCh(96, 14.487, 151.008)
contains.

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Color

CIElCh(96, 14.465, 150.615)

Conversions

Conversions Part 1

Format	Color
Hex	DFFAE5
RGB	223, 250, 229
RGB Percent	87%, 98%, 90%
CMY	0.1241, 0.0182, 0.1006
CMYK	0.11, 0.00, 0.08, 0.02
HSL	133°, 74%, 93%
HSV	133°, 11%, 98%
XYZ	79.0225, 90.0078, 87.5890
YIQ	239.5330, -9.3510, -12.2550

Conversions

Conversions Part 2

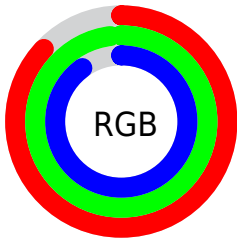
Format	Color
R_{YB}	223, 245, 250
Decimal	14678757
CIE Lab	96.00, -12.60, 7.10
CIE LCh	96, 14.465, 150.615
Yxy	90.0078, 0.3079, 0.3507
Android (android.graphics.Color)	4292868837 (0xFFDFFAE5)
YUV	239.5330, -5.1928, -14.4994
Hunter-Lab	94.8724, -17.3481, 11.6724

Details

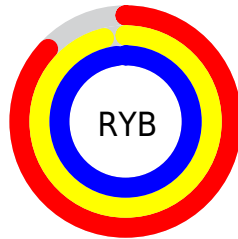
The CIELCh color **96, 14.465, 150.615** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 14.520, 331.982**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 14.536, 150.737** is the 20% darker color. If you saturate the color by 10%, you get **94, 27.972, 149.817**, and if you desaturate by 10%, it is **98, 1.043, 151.624**.

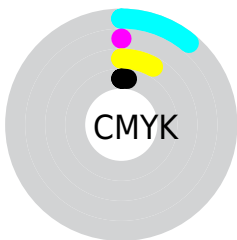
Distribution



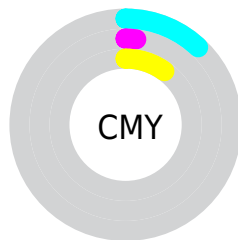
- Red (87%)
- Green (98%)
- Blue (90%)



- Red (87%)
- Yellow (96%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)





- Cyan (12%)
- Magenta (2%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 14.465, 150.615 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, 14.465, 150.615 by changing the saturation by 10% instead.


 96, 14.465,
150.615


 96, 14.465,
150.615


 100, 14.465,
150.615


 86, 14.465,
150.615

 76, 14.465,
150.615

 66, 14.465,
150.615

 56, 14.465,
150.615

 46, 14.465,
150.615

 36, 14.465,
150.615

 26, 14.465,

150.615

■ 16, 14.465,
150.615

■ 6, 14.465, 150.615

■ 96, 14.465,
150.615

■ 96, 14.465,
150.615

■ 94, 27.972,
149.817

■ 98, 1.043, 151.624

■ 92, 41.379,
148.901

■ 99, 2.892, 324.436

■ 91, 54.466,
147.842

■ 89, 66.969,
146.621

■ 88, 78.599,
145.228

■ 88, 89.061,
143.670

■ 87, 98.082,
141.983

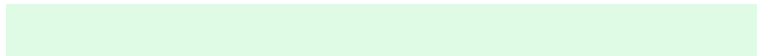
■ 87, 105.439,
140.241

■ 86, 110.668,
138.726

Harmonies

Complementary

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



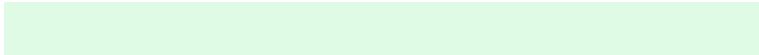
96, 14.465, 150.615



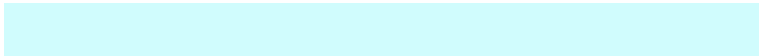
92, 14.520, 331.982

Rectangle

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



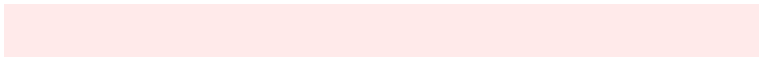
96, 14.465, 150.615



96, 14.465, 200.615



96, 14.465, 330.615



96, 14.465, 20.615

Sweetspot

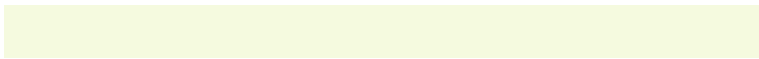
The Sweet Spot groups the original color and five complimentary colors.



96, 14.467, 150.614



99, 4.056, 151.218



97, 13.906, 117.921



53, 3.078, 151.145



0, 0.000, 0.000



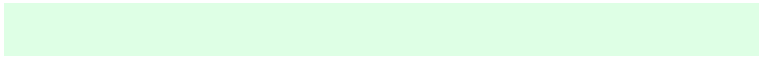
53, 0.007, 296.813

Same Dimension

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



96, 14.467, 150.614



97, 17.713, 150.445



96, 10.194, 176.174



51, 7.605, 150.711



67, 88.846, 139.030



22, 37.737, 141.745

Inverse Universe

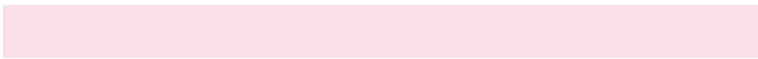
The Inverse Universe completely reimagines the original color for something new.



92, 14.520, 331.982



92, 17.782, 332.133



91, 10.537, 358.121



49, 7.632, 331.894



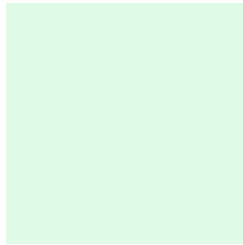
43, 77.621, 339.559



11, 35.851, 337.822

Previews

White Background



This preview shows how the CIE LCh color 96, 14.465, 150.615 looks on a white background.

Color Contrast Check

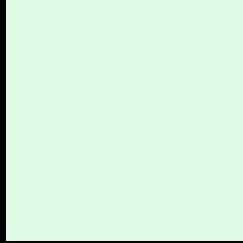
Large Text (above 18pt) WCAG AA × Fail

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, 14.465, 150.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

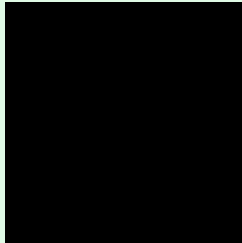
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

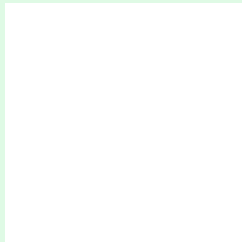
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 14.465, 150.615

Background



This preview shows how black text looks on a background with the CIELCh color 96, 14.465, 150.615.

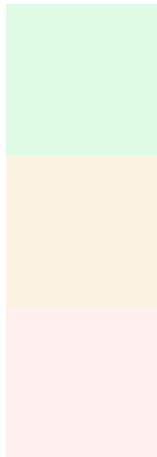


This preview shows how white text looks on a background with the CIELCh color 96, 14.465, 150.615.

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, 14.465, 150.615

Protanopia
96, 9.402, 86.653

Deuteranopia
96, 5.387, 25.079

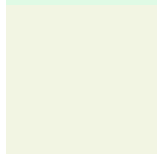


Tritanopia
96, 6.227, 264.506

Trichromacy



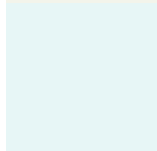
Original Color
96, 14.465, 150.615



Protanomaly
96, 9.258, 116.176

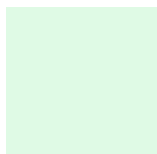


Deuteranomaly
96, 4.610, 114.245

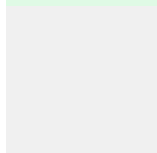


Tritanomaly
96, 5.195, 199.191

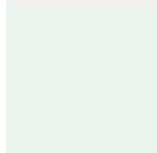
Monochromacy



Original Color
96, 14.465, 150.615



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 5.441, 150.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 14.465, 150.615 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(223, 250, 229)` looks like.

```
.text, #text, p{  
    color:rgb(223, 250, 229)  
}
```

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(223, 250, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 250, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 14.465, 150.615 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(223, 250, 229) }
```

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

```
.border{ border-color:rgb(223, 250, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 250, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 250, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 250, 229);  
box-shadow:4px 4px 4px 4px rgb(223, 250,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 14.465, 150.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 250, 229) }
```

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

```
.background{ background-color: rgb(223,  
250, 229) }
```

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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