

Converting Colors

CIELCh(96, 23.674, 157.534)

Have a look what the booklet for
CIELCh(96, 23.674, 157.534)
contains.

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Color

CIElCh(96, 23.674, 157.534)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFE1
RGB	204, 255, 225
RGB Percent	80%, 100%, 88%
CMY	0.1990, 0.0000, 0.1167
CMYK	0.20, 0.00, 0.12, 0.00
HSL	145°, 100%, 90%
HSV	145°, 20%, 100%
XYZ	74.4382, 90.0078, 84.8644
YIQ	236.3310, -20.7660, -20.1420

Conversions

Conversions Part 2

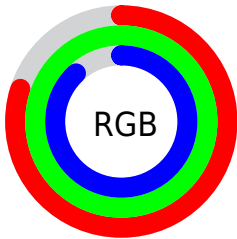
Format	Color
R _Y B	204, 240, 255
Decimal	13434849
CIE Lab	96.00, -21.88, 9.05
CIE LCh	96, 23.674, 157.534
Yxy	90.0078, 0.2986, 0.3610
Android (android.graphics.Color)	4291624929 (0xFFCCFFE1)
YUV	236.3310, -5.5862, -28.3543
Hunter-Lab	94.8724, -25.9733, 13.3752

Details

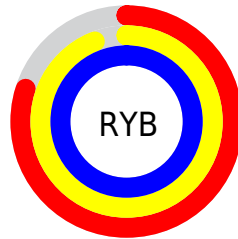
The CIELCh color **96, 23.674, 157.534** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 23.904, 340.879**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.525, 157.889** is the 20% darker color. If you saturate the color by 10%, you get **94, 35.214, 156.631**, and if you desaturate by 10%, it is **98, 11.690, 158.543**.

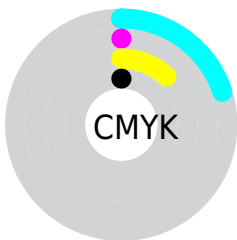
Distribution



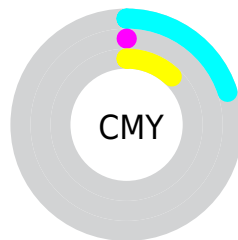
- Red (80%)
- Green (100%)
- Blue (88%)



- Red (80%)
- Yellow (94%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 23.674, 157.534 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, 23.674, 157.534 by changing the saturation by 10% instead.


 96, 23.674,
157.534


 96, 23.674,
157.534


 100, 23.674,
157.534


 86, 23.674,
157.534

 76, 23.674,
157.534

 66, 23.674,
157.534

 56, 23.674,
157.534

 46, 23.674,
157.534

 36, 23.674,
157.534

 26, 23.674,

157.534

■ 16, 23.674,
157.534

■ 6, 23.674, 157.534

■ 96, 23.674,
157.534

■ 96, 23.674,
157.534

■ 94, 35.214,
156.631

■ 98, 11.690,
158.543

■ 93, 46.589,
155.486

100, 0.012,
296.813

■ 91, 57.437,
154.178

■ 90, 67.546,
152.683

■ 90, 76.724,
150.982

■ 89, 84.828,
149.071

■ 88, 91.799,
146.968

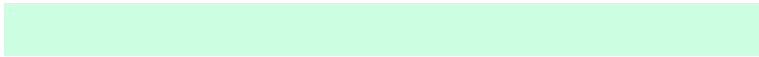
■ 88, 97.733,
144.764

■ 88, 97.789,
144.743

Harmonies

Complementary

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



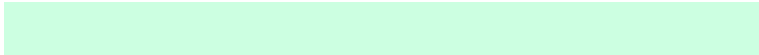
96, 23.674, 157.534



87, 23.904, 340.879

Rectangle

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



96, 23.674, 157.534



96, 23.674, 207.534



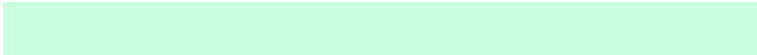
96, 23.674, 337.534



96, 23.674, 27.534

Sweetspot

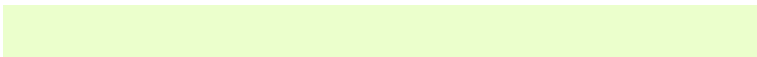
The Sweet Spot groups the original color and five complimentary colors.



96, 23.520, 157.640



99, 7.072, 158.886



97, 26.791, 124.497



53, 4.692, 158.827



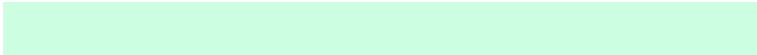
0, 0.000, 0.000



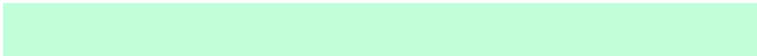
53, 0.007, 296.813

Same Dimension

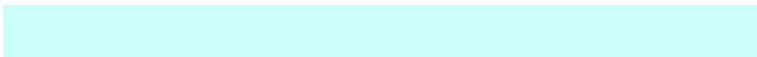
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 23.520, 157.640



95, 28.340, 157.241



97, 17.216, 189.629



52, 6.712, 158.578



68, 78.052, 145.157



23, 33.571, 148.310

Inverse Universe

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



87, 23.904, 340.879



85, 28.889, 341.252



87, 19.156, 12.985



50, 6.771, 339.982



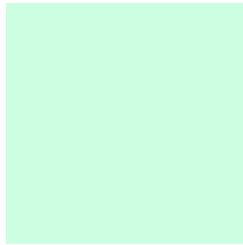
42, 69.948, 354.186



11, 32.935, 349.948

Previews

White Background



This preview shows how the CIE LCh color 96, 23.674, 157.534 looks on a white background.

Color Contrast Check

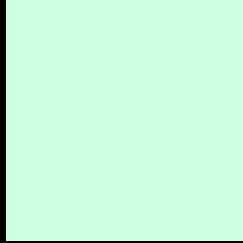
Large Text (above 18pt) WCAG AA × Fail

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, 23.674, 157.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

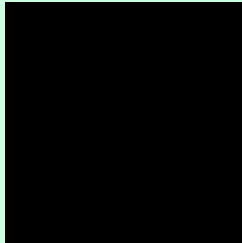
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

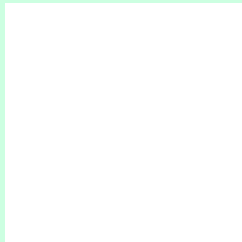
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 23.674, 157.534

Background



This preview shows how black text looks on a background with the CIELCh color 96, 23.674, 157.534.

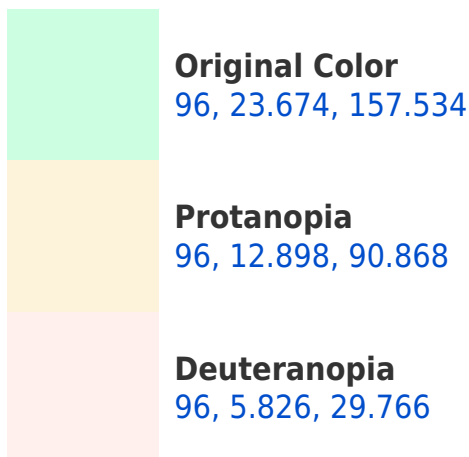


This preview shows how white text looks on a background with the CIELCh color 96, 23.674, 157.534.

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



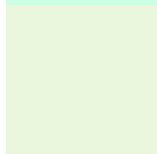


Tritanopia
96, 7.321, 238.340

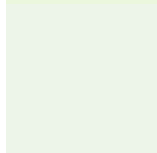
Trichromacy



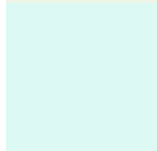
Original Color
96, 23.674, 157.534



Protanomaly
96, 13.994, 127.236



Deuteranomaly
96, 6.789, 134.495



Tritanomaly
96, 10.343, 184.414

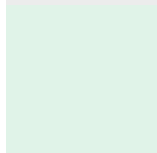
Monochromacy



Original Color
96, 23.674, 157.534



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.824, 159.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 23.674, 157.534 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(204, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 23.674, 157.534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

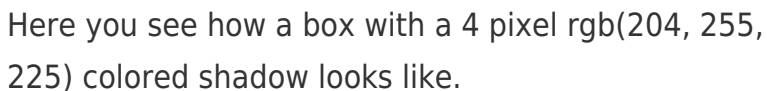
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 255, 225) }
```

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

```
.border{ border-color:rgb(204, 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(204, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 23.674, 157.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 225) }
```

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

```
.background{ background-color: rgb(204,  
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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