

Converting Colors

CIELCh(97, 20.300, 150.659)

Have a look what the booklet for
CIELCh(97, 20.300, 150.659)
contains.

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Color

CIELCh(97, 19.870, 150.117)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFE3
RGB	219, 255, 227
RGB Percent	86%, 100%, 89%
CMY	0.1427, 0.0000, 0.1113
CMYK	0.14, 0.00, 0.11, 0.00
HSL	133°, 100%, 93%
HSV	133°, 14%, 100%
XYZ	78.8643, 92.4403, 86.0749
YIQ	241.0440, -12.4680, -16.3400

Conversions

Conversions Part 2

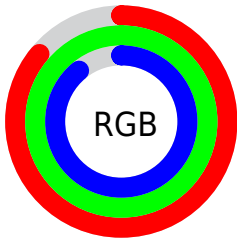
Format	Color
RYB	219, 248, 255
Decimal	14417891
CIELab	97.00, -17.23, 9.90
CIElCh	97, 19.870, 150.117
Yxy	92.4403, 0.3064, 0.3592
Android (android.graphics.Color)	4292607971 (0xFFDBFFE3)
YUV	241.0440, -6.9237, -19.3326
Hunter-Lab	96.1459, -21.8394, 14.2226

Details

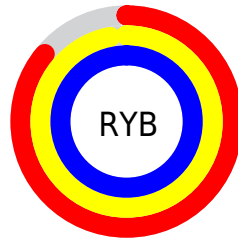
The CIELCh color **97, 19.870, 150.117** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **91, 19.567, 332.133**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 18.899, 150.603** is the 20% darker color. If you saturate the color by 10%, you get **95, 33.210, 149.429**, and if you desaturate by 10%, it is **99, 5.795, 151.022**.

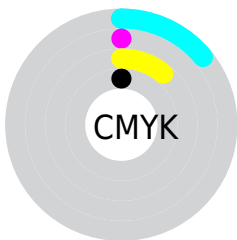
Distribution



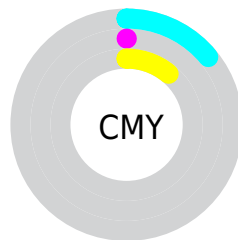
- Red (86%)
- Green (100%)
- Blue (89%)



- Red (86%)
- Yellow (97%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 19.870, 150.117 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 97, 19.870, 150.117 by changing the saturation by 10% instead.


 97, 19.870,
150.117


 97, 19.870,
150.117


 100, 19.870,
150.117


 87, 19.870,
150.117

 77, 19.870,
150.117

 67, 19.870,
150.117

 57, 19.870,
150.117

 47, 19.870,
150.117

 37, 19.870,
150.117

 27, 19.870,

150.117

■ 17, 19.870,
150.117

■ 7, 19.870, 150.117

■ 97, 19.870,
150.117

■ 97, 19.870,
150.117

■ 95, 33.210,
149.429

■ 99, 5.795, 151.022

■ 93, 46.756,
148.466

100, 0.012,
296.813

■ 92, 59.886,
147.352

■ 90, 72.320,
146.070

■ 90, 83.756,
144.618

■ 89, 93.897,
143.010

■ 88, 102.478,
141.297

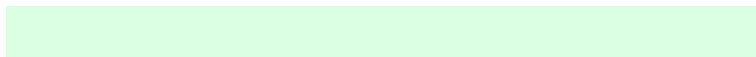
■ 88, 109.292,
139.569

■ 88, 112.402,
138.658

Harmonies

Complementary

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



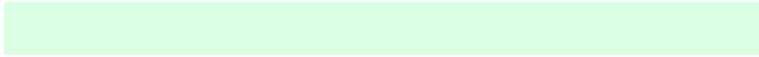
97, 19.870, 150.117



91, 19.567, 332.133

Rectangle

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



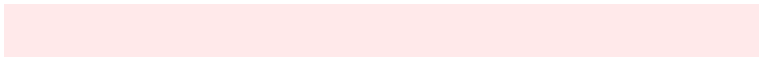
97, 19.870, 150.117



97, 19.870, 200.117



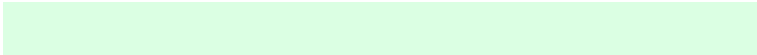
97, 19.870, 330.117



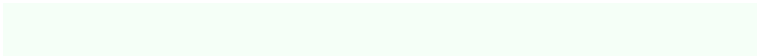
97, 19.870, 20.117

Sweetspot

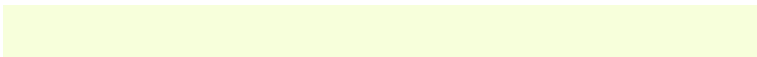
The Sweet Spot groups the original color and five complimentary colors.



97, 19.490, 150.264



99, 5.425, 151.045



99, 18.660, 117.684



53, 3.858, 150.984



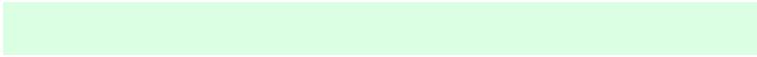
0, 0.000, 0.000



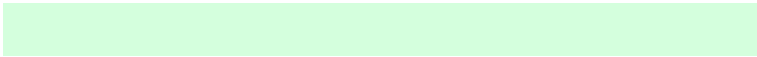
53, 0.007, 296.813

Same Dimension

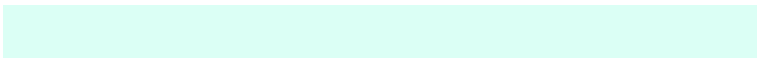
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 19.490, 150.264



96, 23.238, 150.047



97, 13.641, 175.819



52, 7.745, 150.627



68, 89.889, 138.960



23, 38.961, 141.517

Inverse Universe

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



91, 19.567, 332.133



89, 23.339, 332.319



90, 14.251, 358.509



50, 7.772, 331.810



43, 78.523, 339.424



11, 36.837, 337.786

Previews

White Background



This preview shows how the CIE LCh color 97, 19.870, 150.117 looks on a white background.

Color Contrast Check

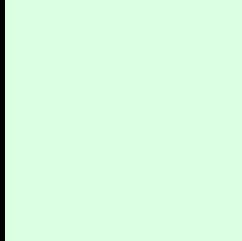
Large Text (above 18pt) WCAG AA × Fail

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 97, 19.870, 150.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

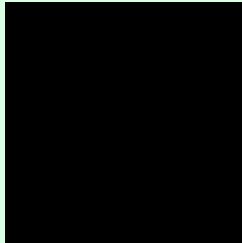
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

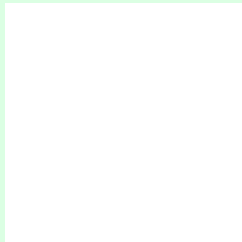
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 19.870, 150.117

Background



This preview shows how black text looks on a background with the CIELCh color 97, 19.870, 150.117.

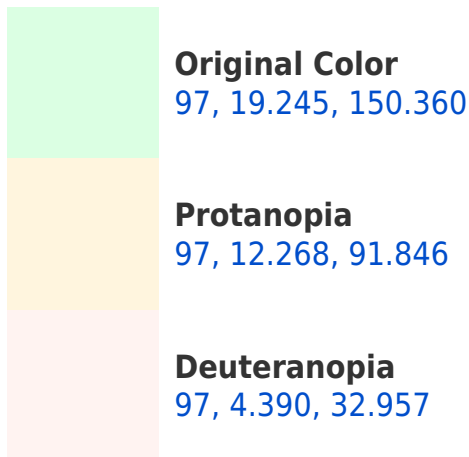


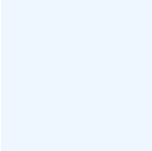
This preview shows how white text looks on a background with the CIELCh color 97, 19.870, 150.117.

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



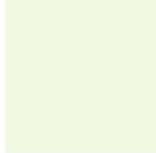


Tritanopia
97, 5.086, 253.088

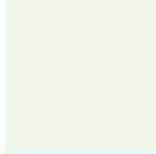
Trichromacy



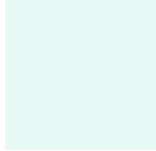
Original Color
97, 19.245, 150.360



Protanomaly
97, 12.993, 120.456



Deuteranomaly
97, 5.900, 127.282

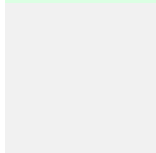


Tritanomaly
97, 7.111, 177.944

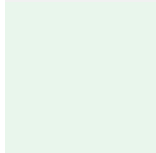
Monochromacy



Original Color
97, 19.245, 150.360



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 6.915, 151.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 19.870, 150.117 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(219, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 227)  
}
```

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(219, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 19.870, 150.117 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(219, 255, 227) }
```

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

```
.border{ border-color:rgb(219, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 19.870, 150.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 227) }
```

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

```
.background{ background-color: rgb(219,  
255, 227) }
```

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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