

Converting Colors

CIELCh(100, 25.488, 148.836)

Have a look what the booklet for
CIELCh(100, 25.488, 148.836)
contains.

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Color

CIElCh(97, 18.233, 151.659)

Conversions

Conversions Part 1

Format	Color
Hex	DCFFE5
RGB	220, 255, 229
RGB Percent	86%, 100%, 90%
CMY	0.1370, 0.0000, 0.1017
CMYK	0.14, 0.00, 0.10, 0.00
HSL	135°, 100%, 93%
HSV	135°, 14%, 100%
XYZ	79.4603, 92.4403, 87.8241
YIQ	241.5710, -12.5140, -15.5060

Conversions

Conversions Part 2

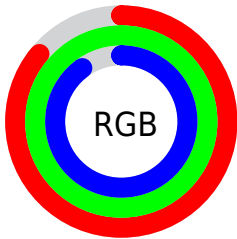
Format	Color
R_{YB}	220, 248, 255
Decimal	14483429
CIE _{Lab}	97.00, -16.05, 8.66
CIE _{LCh}	97, 18.233, 151.659
Yxy	92.4403, 0.3059, 0.3559
Android (android.graphics.Color)	4292673509 (0xFFDCFFE5)
YUV	241.5710, -6.1975, -18.9178
Hunter-Lab	96.1459, -20.7329, 13.1439

Details

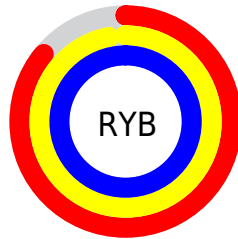
The CIELCh color **97, 18.233, 151.659** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 18.287, 333.520**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 17.839, 152.026** is the 20% darker color. If you saturate the color by 10%, you get **95, 31.535, 150.830**, and if you desaturate by 10%, it is **99, 4.885, 152.461**.

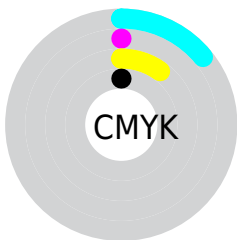
Distribution



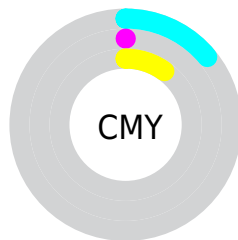
- Red (86%)
- Green (100%)
- Blue (90%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 18.233, 151.659 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, 18.233, 151.659 by changing the saturation by 10% instead.


 97, 18.233,
151.659


 97, 18.233,
151.659


 100, 18.233,
151.659


 87, 18.233,
151.659

 77, 18.233,
151.659

 67, 18.233,
151.659

 57, 18.233,
151.659

 47, 18.233,
151.659

 37, 18.233,
151.659

 27, 18.233,

151.659

■ 17, 18.233,
151.659

■ 7, 18.233, 151.659

■ 97, 18.233,
151.659

■ 97, 18.233,
151.659

■ 95, 31.535,
150.830

■ 99, 4.885, 152.461

■ 93, 44.709,
149.856

100, 0.012,
296.813

■ 92, 57.493,
148.732

■ 91, 69.623,
147.437

■ 90, 80.824,
145.962

■ 89, 90.830,
144.313

■ 88, 99.417,
142.524

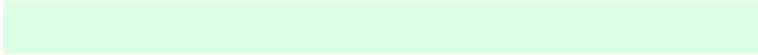
■ 88, 106.424,
140.670

■ 88, 110.041,
139.557

Harmonies

Complementary

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



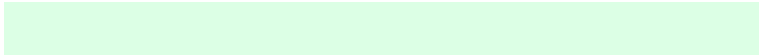
97, 18.233, 151.659



91, 18.287, 333.520

Rectangle

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



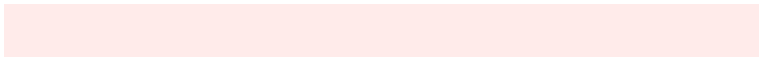
97, 18.233, 151.659



97, 18.233, 201.659



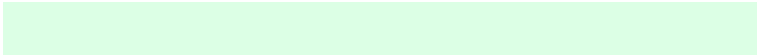
97, 18.233, 331.659



97, 18.233, 21.659

Sweetspot

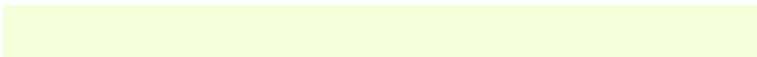
The Sweet Spot groups the original color and five complimentary colors.



97, 18.198, 151.677



99, 5.278, 152.435



99, 17.996, 119.050



53, 3.754, 152.372



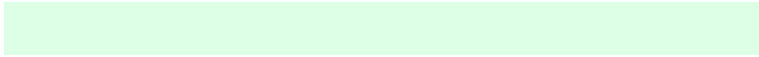
0, 0.000, 0.000



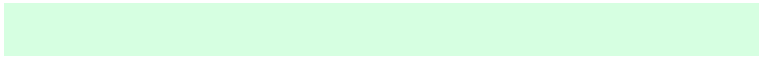
53, 0.007, 296.813

Same Dimension

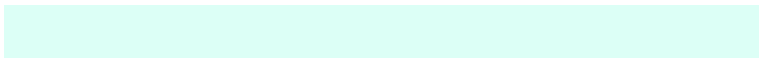
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 18.198, 151.677



97, 21.265, 151.492



97, 12.856, 178.282



52, 7.534, 152.004



68, 87.942, 139.890



23, 37.995, 142.618

Inverse Universe

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



91, 18.287, 333.520



90, 21.379, 333.683



91, 13.474, 0.837



50, 7.566, 333.223



43, 76.444, 341.915



11, 35.948, 339.857

Previews

White Background



This preview shows how the CIE LCh color 97, 18.233, 151.659 looks on a white background.

Color Contrast Check

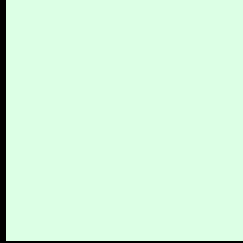
Large Text (above 18pt) WCAG AA × Fail

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, 18.233, 151.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

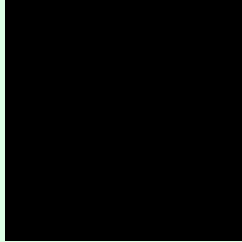
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

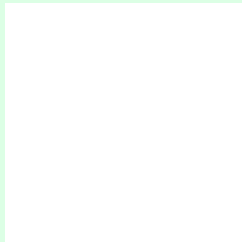
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 18.233, 151.659

Background



This preview shows how black text looks on a background with the CIELCh color 97, 18.233, 151.659.

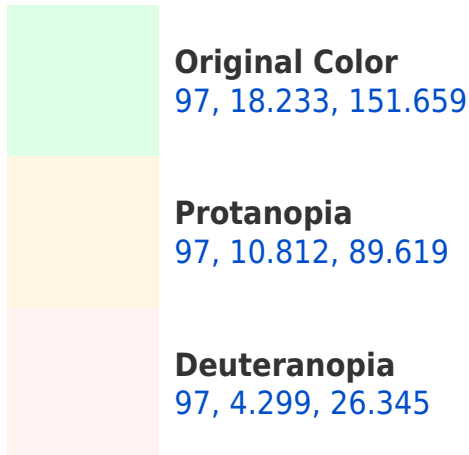


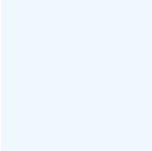
This preview shows how white text looks on a background with the CIELCh color 97, 18.233, 151.659.

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



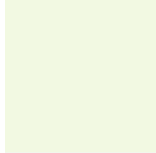


Tritanopia
97, 4.893, 256.310

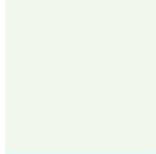
Trichromacy



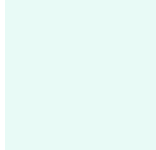
Original Color
97, 18.233, 151.659



Protanomaly
97, 11.997, 121.444



Deuteranomaly
97, 5.415, 128.917

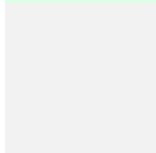


Tritanomaly
97, 6.600, 181.008

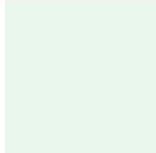
Monochromacy



Original Color
97, 18.233, 151.659



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 6.910, 151.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 18.233, 151.659 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(220, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 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(220, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 18.233, 151.659 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(220, 255, 229) }
```

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

```
.border{ border-color:rgb(220, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 18.233, 151.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 229) }
```

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

```
.background{ background-color: rgb(220,  
255, 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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