

Converting Colors

CIELCh(100, 25.589, 152.725)

Have a look what the booklet for
CIELCh(100, 25.589, 152.725)
contains.

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Color

CIELCh(97, 18.479, 156.732)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFE8
RGB	217, 255, 232
RGB Percent	85%, 100%, 91%
CMY	0.1504, 0.0000, 0.0916
CMYK	0.15, 0.00, 0.09, 0.00
HSL	143°, 100%, 92%
HSV	143°, 15%, 100%
XYZ	78.9913, 92.4403, 89.7567
YIQ	241.0160, -15.2650, -15.2090

Conversions

Conversions Part 2

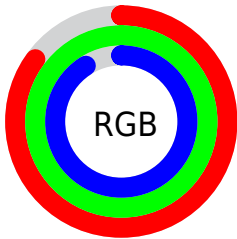
Format	Color
R_{YB}	217, 244, 255
Decimal	14286824
CIE _{Lab}	97.00, -16.98, 7.30
CIE _{LCh}	97, 18.479, 156.732
Yxy	92.4403, 0.3024, 0.3539
Android (android.graphics.Color)	4292476904 (0xFFD9FFE8)
YUV	241.0160, -4.4449, -21.0620
Hunter-Lab	96.1459, -21.6036, 11.9521

Details

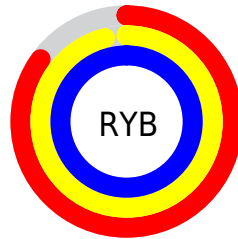
The CIELCh color **97, 18.479, 156.732** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 18.291, 339.361**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 17.836, 156.688** is the 20% darker color. If you saturate the color by 10%, you get **95, 30.086, 156.109**, and if you desaturate by 10%, it is **99, 6.040, 157.915**.

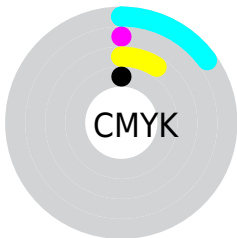
Distribution



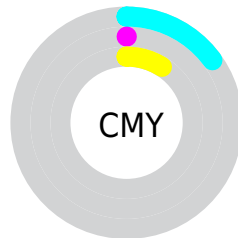
- Red (85%)
- Green (100%)
- Blue (91%)



- Red (85%)
- Yellow (96%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 18.479, 156.732 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, 18.479, 156.732 by changing the saturation by 10% instead.


 97, 18.479,
156.732


 97, 18.479,
156.732

 100, 18.479,
156.732


 87, 18.479,
156.732


 77, 18.479,
156.732

 67, 18.479,
156.732

 57, 18.479,
156.732

 47, 18.479,
156.732

 37, 18.479,
156.732

 27, 18.479,

156.732

■ 17, 18.479,
156.732

■ 7, 18.479, 156.732

■ 97, 18.479,
156.732

■ 97, 18.479,
156.732

■ 95, 30.086,
156.109

■ 99, 6.040, 157.915

■ 93, 41.867,
155.046

100, 0.012,
296.813

■ 92, 53.228,
153.831

■ 91, 63.951,
152.439

■ 90, 73.823,
150.851

■ 89, 82.663,
149.055

■ 89, 90.356,
147.059

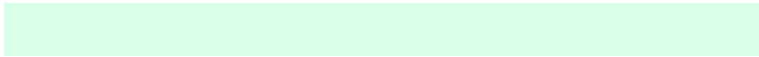
■ 88, 96.881,
144.908

■ 88, 99.759,
143.842

Harmonies

Complementary

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



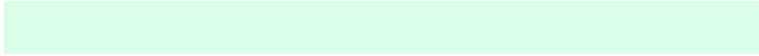
97, 18.479, 156.732



90, 18.291, 339.361

Rectangle

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



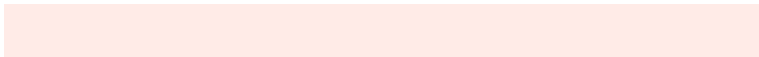
97, 18.479, 156.732



97, 18.479, 206.732



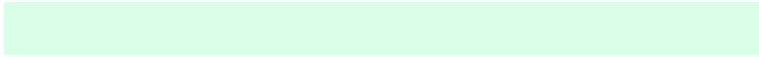
97, 18.479, 336.732



97, 18.479, 26.732

Sweetspot

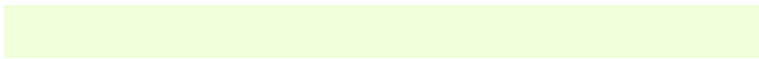
The Sweet Spot groups the original color and five complimentary colors.



97, 18.087, 157.047



99, 5.988, 157.919



98, 20.196, 124.127



53, 4.087, 157.856



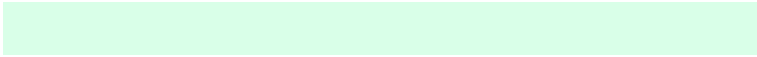
0, 0.000, 0.000



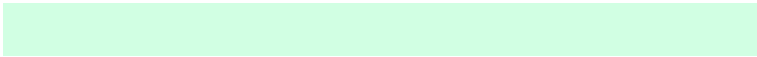
53, 0.007, 296.813

Same Dimension

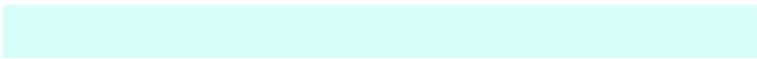
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 18.087, 157.047



96, 21.646, 156.781



97, 13.242, 188.631



52, 6.825, 157.528



68, 79.629, 144.248



23, 34.244, 147.364

Inverse Universe

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



90, 18.291, 339.361



88, 21.932, 339.611



90, 14.288, 11.134



50, 6.880, 338.902



42, 70.642, 352.217



11, 33.294, 348.330

Previews

White Background



This preview shows how the CIE LCh color 97, 18.479, 156.732 looks on a white background.

Color Contrast Check

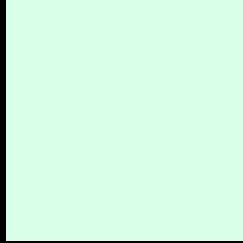
Large Text (above 18pt) WCAG AA × Fail

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, 18.479, 156.732 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

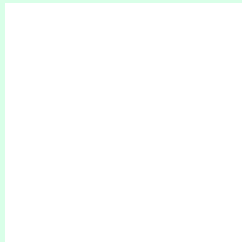
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 18.479, 156.732

Background



This preview shows how black text looks on a background with the CIELCh color 97, 18.479, 156.732.

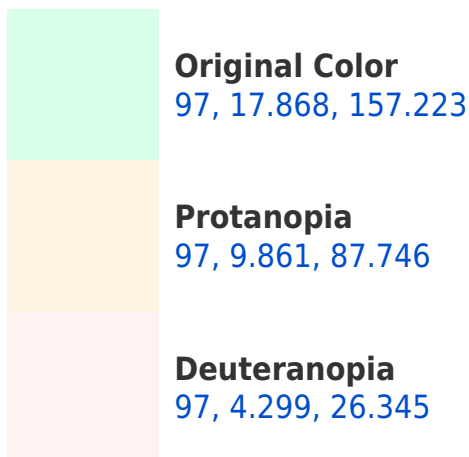


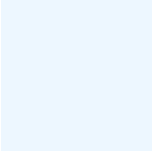
This preview shows how white text looks on a background with the CIELCh color 97, 18.479, 156.732.

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



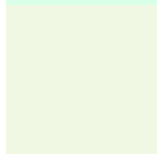


Tritanopia
97, 5.294, 250.114

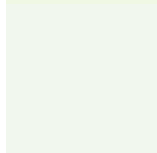
Trichromacy



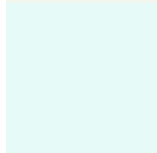
Original Color
97, 17.868, 157.223



Protanomaly
97, 10.616, 125.113



Deuteranomaly
97, 5.078, 134.558

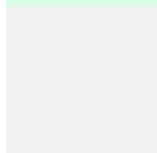


Tritanomaly
97, 7.105, 186.545

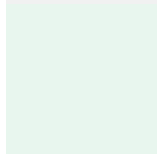
Monochromacy



Original Color
97, 17.868, 157.223



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 6.444, 159.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 18.479, 156.732 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(217, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 232)  
}
```

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(217, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 18.479, 156.732 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(217, 255, 232) }
```

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

```
.border{ border-color:rgb(217, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 18.479, 156.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 232) }
```

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

```
.background{ background-color: rgb(217,  
255, 232) }
```

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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