

Converting Colors

CIELCh(97, 13.953, 149.719)

Have a look what the booklet for
CIELCh(97, 13.953, 149.719)
contains.

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Color

CIECh(97, 14.199, 149.610)

Conversions

Conversions Part 1

Format	Color
Hex	E3FDE8
RGB	227, 253, 232
RGB Percent	89%, 99%, 91%
CMY	0.1096, 0.0077, 0.0900
CMYK	0.10, 0.00, 0.08, 0.01
HSL	132°, 87%, 94%
HSV	132°, 10%, 99%
XYZ	81.3988, 92.4403, 89.9245
YIQ	242.8320, -8.7550, -12.0430

Conversions

Conversions Part 2

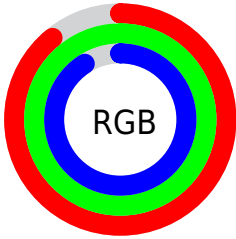
Format	Color
R_{YB}	227, 249, 253
Decimal	14941672
CIE _{Lab}	97.00, -12.25, 7.18
CIE _{LCh}	97, 14.199, 149.610
Yxy	92.4403, 0.3086, 0.3505
Android (android.graphics.Color)	4293131752 (0xFFE3FDE8)
YUV	242.8320, -5.3402, -13.8847
Hunter-Lab	96.1459, -17.1341, 11.8486

Details

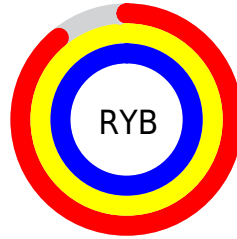
The CIELCh color **97, 14.199, 149.610** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 14.245, 330.876**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 14.023, 148.621** is the 20% darker color. If you saturate the color by 10%, you get **95, 28.128, 148.830**, and if you desaturate by 10%, it is **99, 0.370, 151.231**.

Distribution



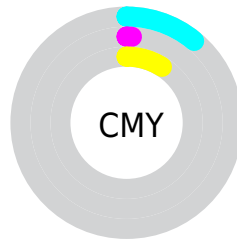
- Red (89%)
- Green (99%)
- Blue (91%)



- Red (89%)
- Yellow (98%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)





- Cyan (11%)
- Magenta (1%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 14.199, 149.610 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, 14.199, 149.610 by changing the saturation by 10% instead.


 97, 14.199,
149.610


 97, 14.199,
149.610


 100, 14.199,
149.610


 87, 14.199,
149.610

 77, 14.199,
149.610

 67, 14.199,
149.610

 57, 14.199,
149.610

 47, 14.199,
149.610

 37, 14.199,
149.610

 27, 14.199,

149.610

■ 17, 14.199,
149.610

■ 7, 14.199, 149.610

■ 97, 14.199,
149.610

■ 97, 14.199,
149.610

■ 95, 28.128,
148.830

■ 99, 0.370, 151.231

■ 93, 41.970,
147.934

■ 100, 1.223,
324.232

■ 92, 55.493,
146.896

■ 90, 68.421,
145.700

■ 89, 80.442,
144.338

■ 88, 91.231,
142.826

■ 88, 100.477,
141.204

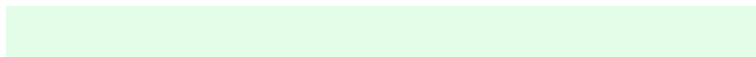
■ 87, 107.907,
139.559

■ 87, 113.258,
138.094

Harmonies

Complementary

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



97, 14.199, 149.610



93, 14.245, 330.876

Rectangle

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



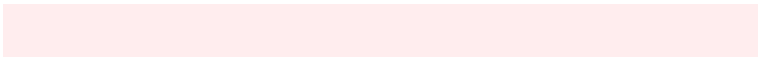
97, 14.199, 149.610



97, 14.199, 199.610



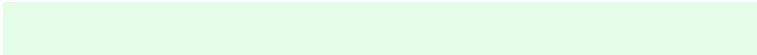
97, 14.199, 329.610



97, 14.199, 19.610

Sweetspot

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



97, 14.201, 149.609



99, 4.145, 150.162



98, 13.313, 116.628



53, 3.145, 150.091



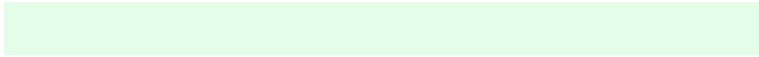
0, 0.000, 0.000



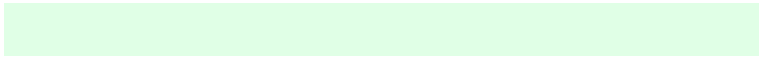
53, 0.007, 296.813

Same Dimension

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



97, 14.201, 149.609



97, 16.703, 149.481



97, 9.994, 173.914



52, 7.902, 149.666



68, 91.169, 138.363



23, 39.631, 140.777

Inverse Universe

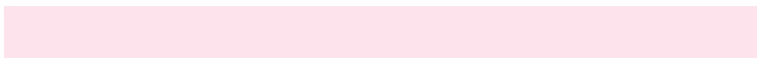
The Inverse Universe completely reimagines the original color for something new.



93, 14.245, 330.876



92, 16.755, 330.989



93, 10.280, 355.750



50, 7.926, 330.825



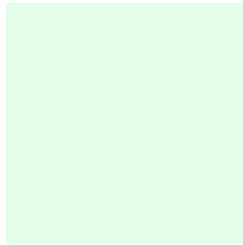
43, 80.141, 337.717



11, 37.518, 336.360

Previews

White Background



This preview shows how the CIE LCh color 97, 14.199, 149.610 looks on a white background.

Color Contrast Check

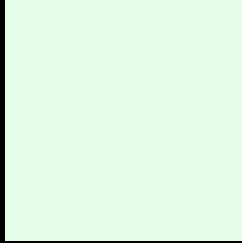
Large Text (above 18pt) WCAG AA × Fail

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, 14.199, 149.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

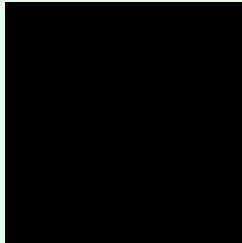
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

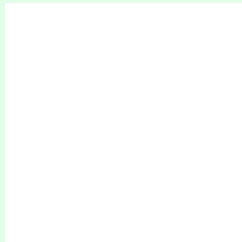
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 14.199, 149.610

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.199, 149.610.

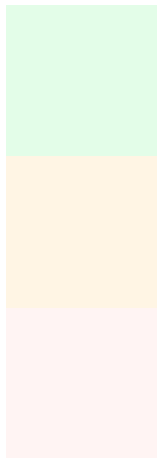


This preview shows how white text looks on a background with the CIELCh color 97, 14.199, 149.610.

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](#).

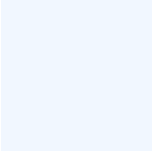
Dichromacy



Original Color
97, 14.199, 149.610

Protanopia
97, 9.379, 86.668

Deuteranopia
97, 3.939, 26.928

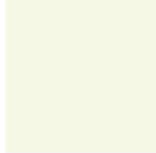


Tritanopia
97, 4.556, 263.537

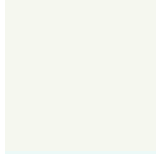
Trichromacy



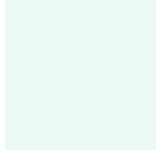
Original Color
97, 14.199, 149.610



Protanomaly
97, 9.742, 115.803

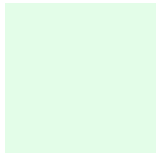


Deuteranomaly
97, 4.141, 119.718

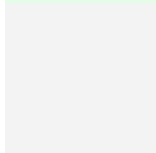


Tritanomaly
97, 4.646, 186.522

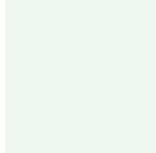
Monochromacy



Original Color
97, 14.199, 149.610



Achromatopsia
96, 0.011, 296.813



Achromatomaly
96, 5.428, 150.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.199, 149.610 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(227, 253, 232)` looks like.

```
.text, #text, p{  
    color:rgb(227, 253, 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(227, 253, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 253, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.199, 149.610 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(227, 253, 232) }
```

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

```
.border{ border-color:rgb(227, 253, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 253, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 253, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 253, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 253,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.199, 149.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 253, 232) }
```

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

```
.background{ background-color: rgb(227,  
253, 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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