

Converting Colors

CIELCh(100, 31.031, 135.243)

Have a look what the booklet for
CIELCh(100, 31.031, 135.243)
contains.

CIELCh(97, 24.160, 133.427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(97, 24.160, 133.427)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFD4
RGB	227, 255, 212
RGB Percent	89%, 100%, 83%
CMY	0.1105, 0.0007, 0.1694
CMYK	0.11, 0.00, 0.17, 0.00
HSL	99°, 99%, 91%
HSV	99°, 17%, 100%
XYZ	79.1769, 92.4403, 75.8332
YIQ	241.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

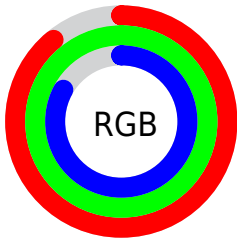
Format	Color
R_{YB}	212, 255, 240
Decimal	14942164
CIE _{Lab}	97.00, -16.61, 17.55
CIE _{LCh}	97, 24.160, 133.427
Yxy	92.4403, 0.3200, 0.3736
Android (android.graphics.Color)	4293132244 (0xFFE3FFD4)
YUV	241.7260, -14.6549, -12.9147
Hunter-Lab	96.1459, -21.2592, 20.5383

Details

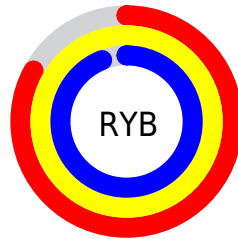
The CIELCh color **97, 24.160, 133.427** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 24.538, 314.882**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 24.223, 133.490** is the 20% darker color. If you saturate the color by 10%, you get **95, 38.492, 132.926**, and if you desaturate by 10%, it is **99, 9.808, 133.900**.

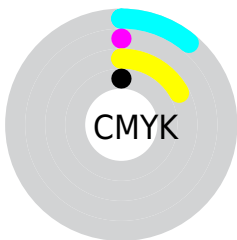
Distribution



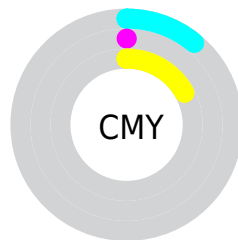
- Red (89%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 24.160, 133.427 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, 24.160, 133.427 by changing the saturation by 10% instead.


 97, 24.160,
133.427


 97, 24.160,
133.427


 100, 24.160,
133.427


 87, 24.160,
133.427

 77, 24.160,
133.427

 67, 24.160,
133.427

 57, 24.160,
133.427

 47, 24.160,
133.427

 37, 24.160,
133.427

 27, 24.160,

133.427

■ 17, 24.160,
133.427

■ 7, 24.160, 133.427

■ 97, 24.160,
133.427

■ 97, 24.160,
133.427

■ 95, 38.492,
132.926

■ 99, 9.808, 133.900

■ 94, 52.631,
132.399

100, 0.127,
322.008

■ 93, 66.343,
131.878

■ 92, 79.300,
131.413

■ 91, 91.041,
131.091

■ 90, 100.977,
131.030

■ 89, 108.492,
131.363

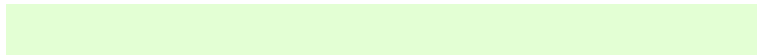
■ 89, 113.238,
132.164

■ 89, 114.344,
132.449

Harmonies

Complementary

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



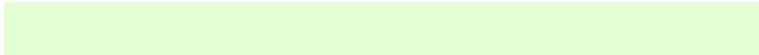
97, 24.160, 133.427



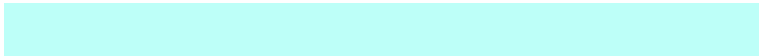
88, 24.538, 314.882

Rectangle

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



97, 24.160, 133.427



97, 24.160, 183.427



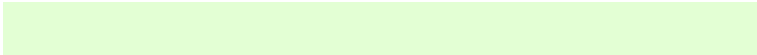
97, 24.160, 313.427



97, 24.160, 3.427

Sweetspot

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



97, 24.162, 133.429



99, 7.129, 133.989



95, 15.349, 87.593



53, 4.867, 133.955



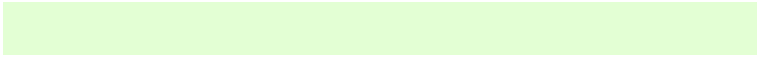
0, 0.000, 0.000



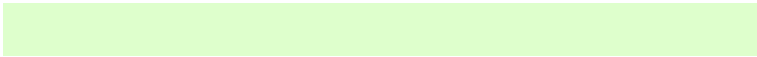
53, 0.007, 296.813

Same Dimension

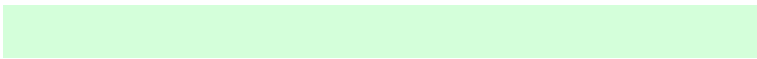
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 24.162, 133.429



97, 28.668, 133.275



96, 24.251, 147.718



52, 8.127, 133.778



68, 91.888, 132.209



23, 40.812, 130.951

Inverse Universe

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



88, 24.538, 314.882



86, 29.193, 315.023



89, 24.313, 329.855



49, 8.205, 314.553



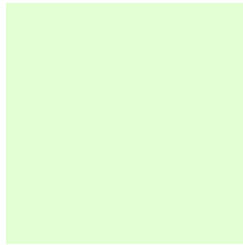
34, 97.375, 315.845



8, 44.415, 317.116

Previews

White Background



This preview shows how the CIELCh color 97, 24.160, 133.427 looks on a white background.

Color Contrast Check

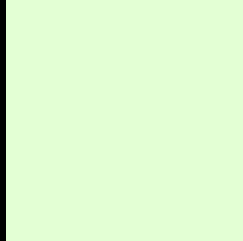
Large Text (above 18pt) WCAG AA × Fail

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, 24.160, 133.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

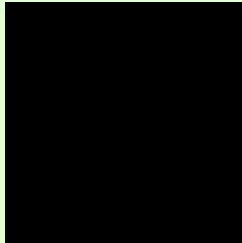
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

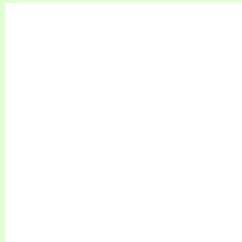
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 24.160, 133.427

Background



This preview shows how black text looks on a background with the CIELCh color 97, 24.160, 133.427.

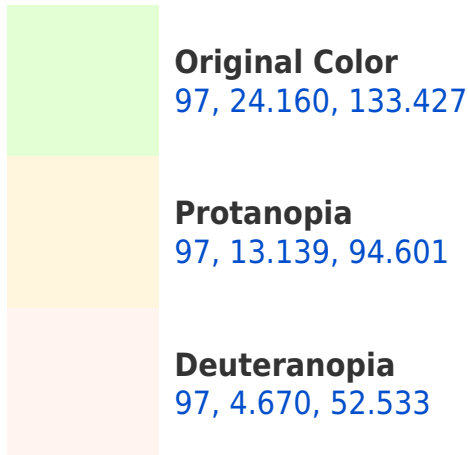


This preview shows how white text looks on a background with the CIELCh color 97, 24.160, 133.427.

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



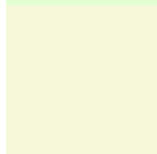


Tritanopia
97, 4.417, 267.541

Trichromacy



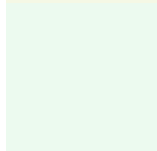
Original Color
97, 24.160, 133.427



Protanomaly
97, 15.837, 114.275



Deuteranomaly
97, 9.742, 115.803

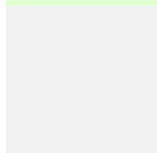


Tritanomaly
97, 7.516, 150.720

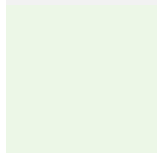
Monochromacy



Original Color
97, 24.160, 133.427



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 9.100, 135.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 24.160, 133.427 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, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 212)  
}
```

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, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 24.160, 133.427 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, 255, 212) }
```

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

```
.border{ border-color:rgb(227, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 24.160, 133.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 212) }
```

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

```
.background{ background-color: rgb(227,  
255, 212) }
```

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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