

Converting Colors

CIELCh(97, 28.509, 132.637)

Have a look what the booklet for
CIELCh(97, 28.509, 132.637)
contains.

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Color

CIElCh(97, 27.860, 132.278)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFCE
RGB	225, 255, 206
RGB Percent	88%, 100%, 81%
CMY	0.1185, 0.0000, 0.1931
CMYK	0.12, 0.00, 0.19, 0.00
HSL	97°, 100%, 90%
HSV	97°, 19%, 100%
XYZ	78.1044, 92.4403, 71.9650
YIQ	240.4440, -2.1510, -21.5990

Conversions

Conversions Part 2

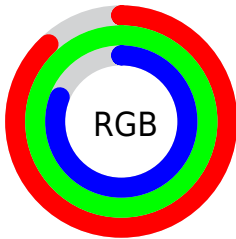
Format	Color
R_{YB}	206, 255, 236
Decimal	14811086
CIE _{Lab}	97.00, -18.74, 20.61
CIE _{LCh}	97, 27.860, 132.278
Yxy	92.4403, 0.3221, 0.3812
Android (android.graphics.Color)	4293001166 (0xFFE1FFCE)
YUV	240.4440, -16.9809, -13.5444
Hunter-Lab	96.1459, -23.2503, 22.9237

Details

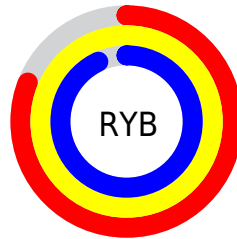
The CIELCh color **97, 27.860, 132.278** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 27.935, 313.775**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 26.962, 132.458** is the 20% darker color. If you saturate the color by 10%, you get **95, 41.536, 131.591**, and if you desaturate by 10%, it is **98, 13.174, 132.562**.

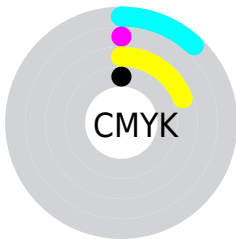
Distribution



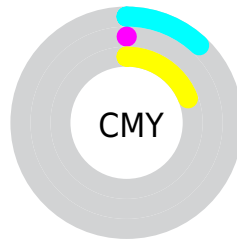
- Red (88%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (93%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 27.860, 132.278 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, 27.860, 132.278 by changing the saturation by 10% instead.


 97, 27.860,
132.278


 97, 27.860,
132.278


 100, 27.860,
132.278


 87, 27.860,
132.278

 77, 27.860,
132.278

 67, 27.860,
132.278

 57, 27.860,
132.278

 47, 27.860,
132.278

 37, 27.860,
132.278

 27, 27.860,

132.278

■ 17, 27.860,
132.278

■ 7, 27.860, 132.278

■ 97, 27.860,
132.278

■ 97, 27.860,
132.278

■ 95, 41.536,
131.591

■ 98, 13.174,
132.562

■ 94, 55.443,
131.082

100, 0.012,
296.813

■ 93, 68.861,
130.597

■ 92, 81.440,
130.196

■ 91, 92.694,
129.975

■ 90, 102.019,
130.059

■ 90, 108.834,
130.577

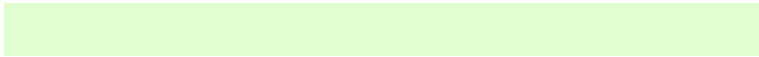
■ 89, 113.040,
131.538

■ 89, 113.285,
131.604

Harmonies

Complementary

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



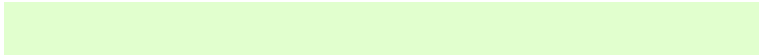
97, 27.860, 132.278



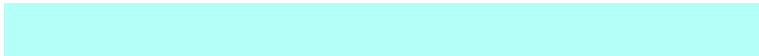
87, 27.935, 313.775

Rectangle

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



97, 27.860, 132.278



97, 27.860, 182.278



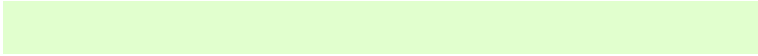
97, 27.860, 312.278



97, 27.860, 2.278

Sweetspot

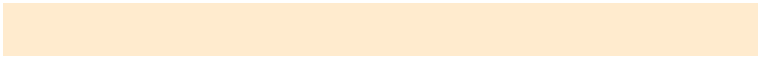
The Sweet Spot groups the original color and five complimentary colors.



97, 27.389, 132.090



99, 8.477, 132.714



94, 16.882, 82.893



53, 5.625, 132.684



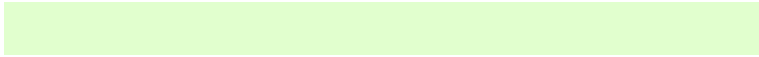
0, 0.000, 0.000



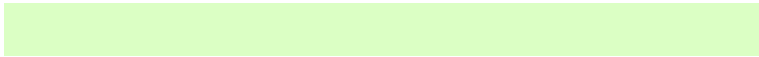
53, 0.007, 296.813

Same Dimension

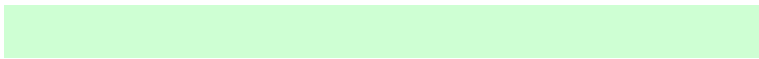
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 27.389, 132.090



96, 32.626, 131.908



96, 28.795, 145.987



52, 8.046, 132.553



69, 90.979, 131.349



23, 40.403, 129.990

Inverse Universe

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



87, 27.935, 313.775



84, 33.403, 313.945



88, 28.843, 328.394



49, 8.132, 313.330



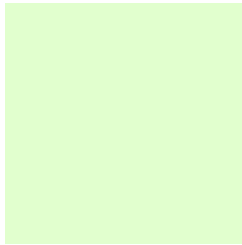
33, 98.118, 314.767



7, 44.607, 316.058

Previews

White Background



This preview shows how the CIELCh color 97, 27.860, 132.278 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, 27.860, 132.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

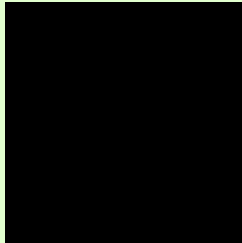
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

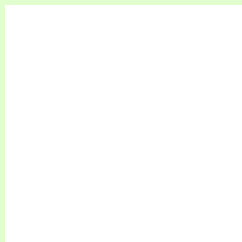
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 27.860, 132.278

Background



This preview shows how black text looks on a background with the CIELCh color 97, 27.860, 132.278.

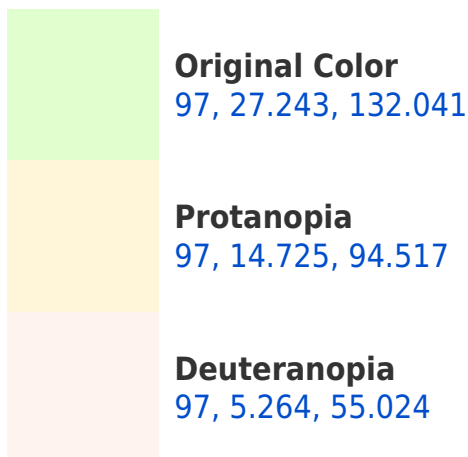


This preview shows how white text looks on a background with the CIELCh color 97, 27.860, 132.278.

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



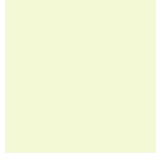


Tritanopia
97, 5.019, 266.259

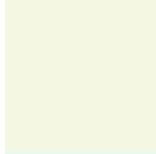
Trichromacy



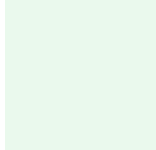
Original Color
97, 27.243, 132.041



Protanomaly
97, 18.397, 114.521



Deuteranomaly
97, 10.762, 115.139

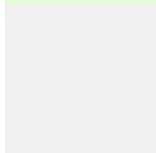


Tritanomaly
97, 8.146, 150.187

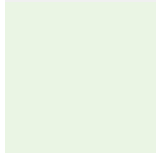
Monochromacy



Original Color
97, 27.243, 132.041



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 9.580, 133.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 27.860, 132.278 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(225, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 206)  
}
```

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(225, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 27.860, 132.278 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(225, 255, 206) }
```

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

```
.border{ border-color:rgb(225, 255, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 27.860, 132.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 206) }
```

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

```
.background{ background-color: rgb(225,  
255, 206) }
```

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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