

Converting Colors

CIELCh(99, 27.010, 138.127)

Have a look what the booklet for
CIELCh(99, 27.010, 138.127)
contains.

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Color

CIElCh(97, 22.675, 137.171)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFD8
RGB	225, 255, 216
RGB Percent	88%, 100%, 85%
CMY	0.1178, 0.0002, 0.1531
CMYK	0.12, 0.00, 0.15, 0.00
HSL	106°, 100%, 92%
HSV	106°, 15%, 100%
XYZ	79.1662, 92.4403, 78.6015
YIQ	241.5840, -5.3610, -18.4890

Conversions

Conversions Part 2

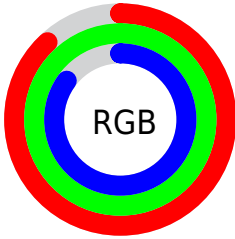
Format	Color
R_{YB}	216, 255, 246
Decimal	14811096
CIE _{Lab}	97.00, -16.63, 15.41
CIE _{LCh}	97, 22.675, 137.171
Yxy	92.4403, 0.3164, 0.3695
Android (android.graphics.Color)	4293001176 (0xFFE1FFD8)
YUV	241.5840, -12.6129, -14.5442
Hunter-Lab	96.1459, -21.2791, 18.8312

Details

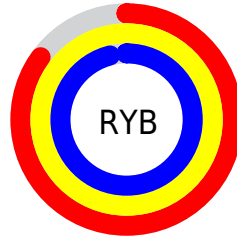
The CIELCh color **97, 22.675, 137.171** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **90, 22.881, 318.546**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 22.683, 137.433** is the 20% darker color. If you saturate the color by 10%, you get **95, 37.563, 136.617**, and if you desaturate by 10%, it is **99, 7.810, 137.682**.

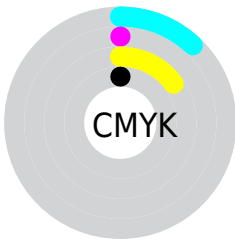
Distribution



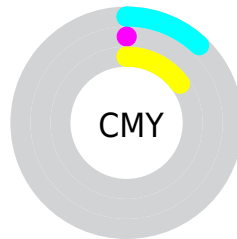
- Red (88%)
- Green (100%)
- Blue (85%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 22.675, 137.171 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, 22.675, 137.171 by changing the saturation by 10% instead.


 97, 22.675,
137.171


 97, 22.675,
137.171


 100, 22.675,
137.171


 87, 22.675,
137.171

 77, 22.675,
137.171

 67, 22.675,
137.171

 57, 22.675,
137.171

 47, 22.675,
137.171

 37, 22.675,
137.171

 27, 22.675,

137.171

■ 17, 22.675,
137.171

■ 7, 22.675, 137.171

■ 97, 22.675,
137.171

■ 97, 22.675,
137.171

■ 95, 37.563,
136.617

■ 99, 7.810, 137.682

■ 94, 52.282,
136.009

100, 0.040,
316.730

■ 92, 66.579,
135.368

■ 91, 80.105,
134.736

■ 90, 92.387,
134.186

■ 89, 102.823,
133.830

■ 89, 110.761,
133.804

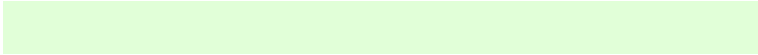
■ 88, 115.762,
134.198

■ 88, 117.291,
134.462

Harmonies

Complementary

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



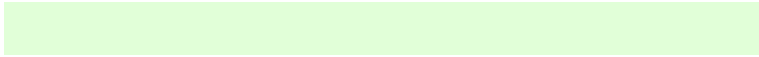
97, 22.675, 137.171



90, 22.881, 318.546

Rectangle

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



97, 22.675, 137.171



97, 22.675, 187.171



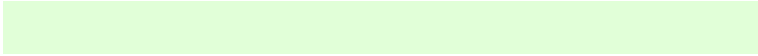
97, 22.675, 317.171



97, 22.675, 7.171

Sweetspot

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



97, 22.677, 137.172



99, 7.371, 137.697



97, 15.580, 96.500



53, 5.032, 137.661



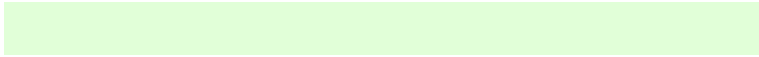
0, 0.000, 0.000



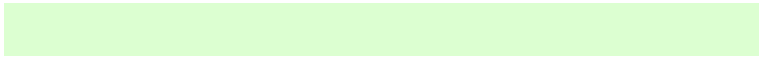
53, 0.007, 296.813

Same Dimension

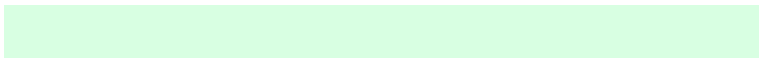
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 22.677, 137.172



97, 26.709, 137.028



97, 20.187, 151.889



52, 8.408, 137.470



68, 94.269, 134.285



23, 41.984, 133.446

Inverse Universe

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



90, 22.881, 318.546



88, 26.984, 318.668



90, 20.299, 333.989



50, 8.462, 318.282



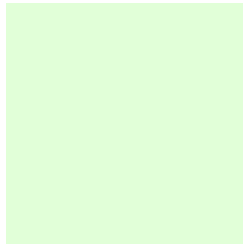
38, 95.311, 319.623



9, 43.661, 320.583

Previews

White Background



This preview shows how the CIELCh color 97, 22.675, 137.171 looks on a white background.

Color Contrast Check

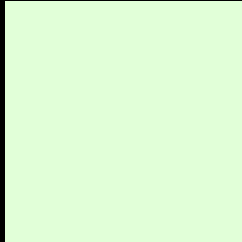
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 22.675, 137.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

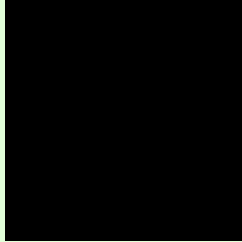
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

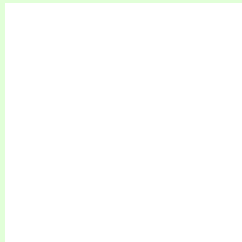
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 22.675, 137.171

Background



This preview shows how black text looks on a background with the CIELCh color 97, 22.675, 137.171.

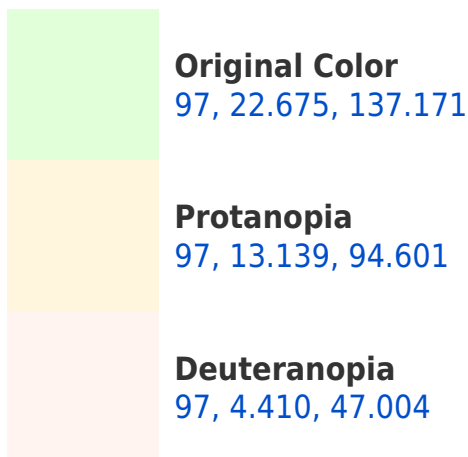


This preview shows how white text looks on a background with the CIELCh color 97, 22.675, 137.171.

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



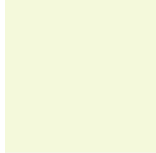


Tritanopia
97, 4.556, 263.537

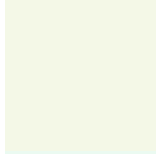
Trichromacy



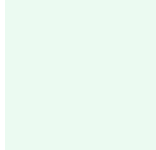
Original Color
97, 22.675, 137.171



Protanomaly
97, 15.376, 115.832



Deuteranomaly
97, 8.788, 118.915

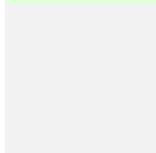


Tritanomaly
97, 7.030, 158.238

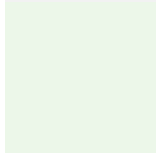
Monochromacy



Original Color
97, 22.675, 137.171



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 8.187, 138.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 22.675, 137.171 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 22.675, 137.171 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, 216) }
```

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

```
.border{ border-color:rgb(225, 255, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 22.675, 137.171 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, 216) }
```

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

```
.background{ background-color: rgb(225,  
255, 216) }
```

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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