

Converting Colors

CIELCh(97, 23.436, 136.052)

Have a look what the booklet for
CIELCh(97, 23.436, 136.052)
contains.

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Color

CIELCh(97, 23.577, 135.997)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFD6
RGB	225, 255, 214
RGB Percent	88%, 100%, 84%
CMY	0.1174, 0.0000, 0.1605
CMYK	0.12, 0.00, 0.16, 0.00
HSL	104°, 100%, 92%
HSV	104°, 16%, 100%
XYZ	78.9999, 92.4403, 77.3411
YIQ	241.3560, -4.7190, -19.1110

Conversions

Conversions Part 2

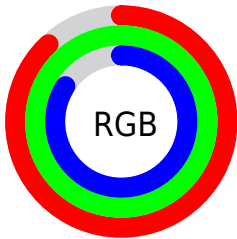
Format	Color
R_{YB}	214, 255, 244
Decimal	14811094
CIE _{Lab}	97.00, -16.96, 16.38
CIE _{LCh}	97, 23.577, 135.997
Yxy	92.4403, 0.3175, 0.3716
Android (android.graphics.Color)	4293001174 (0xFFE1FFD6)
YUV	241.3560, -13.4865, -14.3442
Hunter-Lab	96.1459, -21.5877, 19.6084

Details

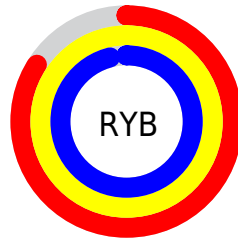
The CIELCh color **97, 23.577, 135.997** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 23.794, 317.397**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 23.623, 136.184** is the 20% darker color. If you saturate the color by 10%, you get **95, 38.239, 135.449**, and if you desaturate by 10%, it is **99, 8.831, 136.479**.

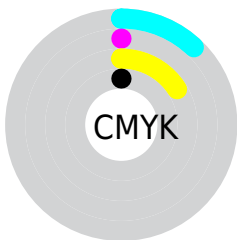
Distribution



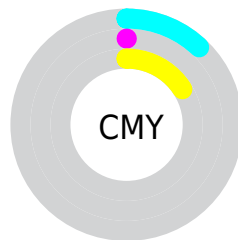
- Red (88%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 23.577, 135.997 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, 23.577, 135.997 by changing the saturation by 10% instead.


 97, 23.577,
135.997


 97, 23.577,
135.997


 100, 23.577,
135.997


 87, 23.577,
135.997

 77, 23.577,
135.997

 67, 23.577,
135.997

 57, 23.577,
135.997

 47, 23.577,
135.997

 37, 23.577,
135.997

 27, 23.577,

135.997

■ 17, 23.577,
135.997

■ 7, 23.577, 135.997

■ 97, 23.577,
135.997

■ 97, 23.577,
135.997

■ 95, 38.239,
135.449

■ 99, 8.831, 136.479

■ 94, 52.767,
134.871

100, 0.012,
296.813

■ 92, 66.867,
134.273

■ 91, 80.195,
133.702

■ 90, 92.282,
133.236

■ 90, 102.527,
132.991

■ 89, 110.289,
133.101

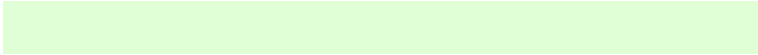
■ 88, 115.164,
133.648

■ 88, 116.492,
133.918

Harmonies

Complementary

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



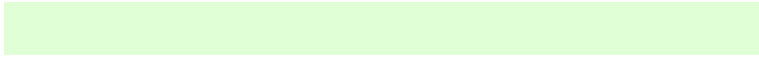
97, 23.577, 135.997



89, 23.794, 317.397

Rectangle

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



97, 23.577, 135.997



97, 23.577, 185.997



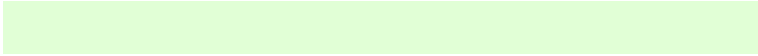
97, 23.577, 315.997



97, 23.577, 5.997

Sweetspot

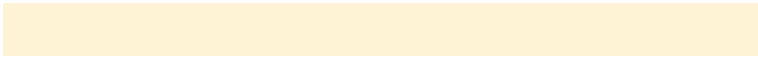
The Sweet Spot groups the original color and five complimentary colors.



97, 23.534, 135.985



99, 7.290, 136.531



96, 15.559, 92.926



53, 4.976, 136.496



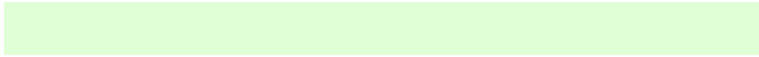
0, 0.000, 0.000



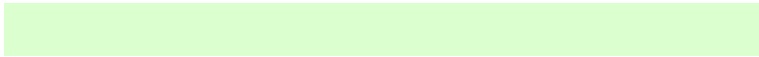
53, 0.007, 296.813

Same Dimension

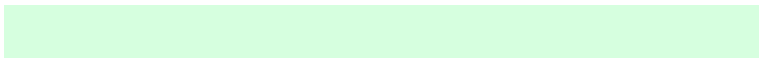
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 23.534, 135.985



96, 27.876, 135.832



96, 21.987, 150.012



52, 8.314, 136.311



68, 93.591, 133.718



23, 41.631, 132.730

Inverse Universe

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



89, 23.794, 317.397



87, 28.235, 317.529



90, 22.077, 332.137



50, 8.375, 317.104



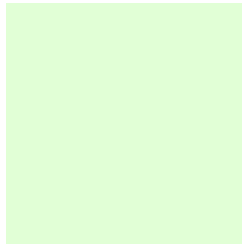
37, 95.921, 318.349



9, 43.888, 319.428

Previews

White Background



This preview shows how the CIELCh color 97, 23.577, 135.997 looks on a white background.

Color Contrast Check

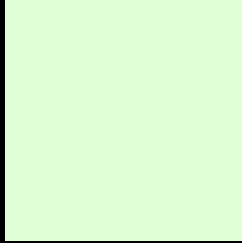
Large Text (above 18pt) WCAG AA × Fail

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, 23.577, 135.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

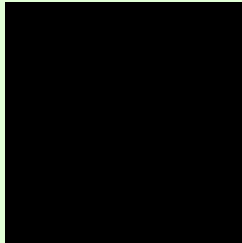
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

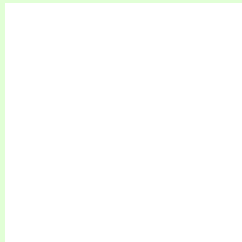
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 23.577, 135.997

Background



This preview shows how black text looks on a background with the CIELCh color 97, 23.577, 135.997.

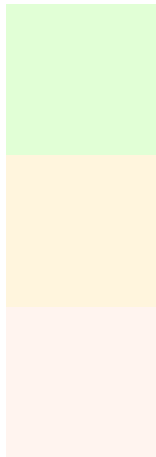


This preview shows how white text looks on a background with the CIELCh color 97, 23.577, 135.997.

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, 23.577, 135.997

Protanopia
97, 12.756, 92.469

Deuteranopia
97, 4.670, 52.533

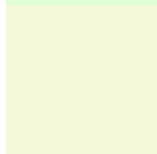


Tritanopia
97, 4.556, 263.537

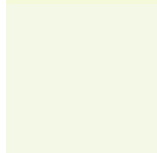
Trichromacy



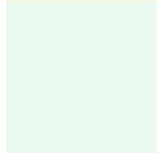
Original Color
97, 23.577, 135.997



Protanomaly
97, 15.880, 115.585



Deuteranomaly
97, 9.291, 118.377

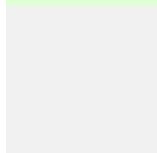


Tritanomaly
97, 7.383, 155.292

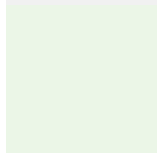
Monochromacy



Original Color
97, 23.577, 135.997



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 8.648, 136.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 23.577, 135.997 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 23.577, 135.997 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, 214) }
```

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

```
.border{ border-color:rgb(225, 255, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 23.577, 135.997 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, 214) }
```

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

```
.background{ background-color: rgb(225,  
255, 214) }
```

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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