

Converting Colors

CIELCh(97, 23.835, 120.314)

Have a look what the booklet for
CIELCh(97, 23.835, 120.314)
contains.

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Color

CIElCh(97, 23.834, 120.056)

Conversions

Conversions Part 1

Format	Color
Hex	EFFCCE
RGB	239, 252, 206
RGB Percent	94%, 99%, 81%
CMY	0.0627, 0.0117, 0.1921
CMYK	0.05, 0.00, 0.18, 0.01
HSL	77°, 89%, 90%
HSV	77°, 18%, 99%
XYZ	81.5588, 92.4403, 71.9453
YIQ	242.8690, 7.0180, -17.0620

Conversions

Conversions Part 2

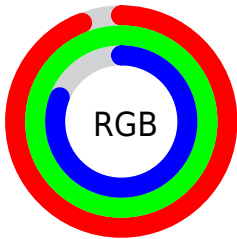
Format	Color
R _Y B	206, 252, 219
Decimal	15727822
CIE Lab	97.00, -11.94, 20.63
CIE LCh	97, 23.834, 120.056
Yxy	92.4403, 0.3316, 0.3759
Android (android.graphics.Color)	4293917902 (0xFFEFCCE)
YUV	242.8690, -18.1764, -3.3931
Hunter-Lab	96.1459, -16.8370, 22.9358

Details

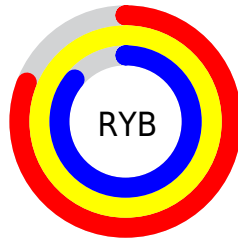
The CIELCh color **97, 23.834, 120.056** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 24.716, 302.349**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 23.342, 119.702** is the 20% darker color. If you saturate the color by 10%, you get **96, 36.746, 119.448**, and if you desaturate by 10%, it is **98, 10.791, 120.668**.

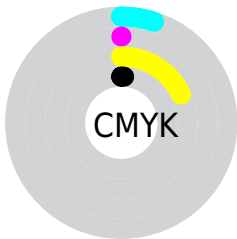
Distribution



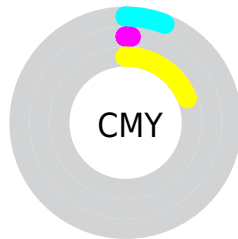
- Red (94%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)





- Cyan (6%)
- Magenta (1%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 23.834, 120.056 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, 23.834, 120.056 by changing the saturation by 10% instead.


 97, 23.834,
120.056


 97, 23.834,
120.056

 100, 23.834,
120.056


 87, 23.834,
120.056

 77, 23.834,
120.056

 67, 23.834,
120.056

 57, 23.834,
120.056

 47, 23.834,
120.056

 37, 23.834,
120.056

 27, 23.834,

120.056

■ 17, 23.834,
120.056

■ 7, 23.834, 120.056

■ 97, 23.834,
120.056

■ 97, 23.834,
120.056

■ 96, 36.746,
119.448

■ 98, 10.791,
120.668

■ 95, 49.381,
118.857

■ 99, 1.592, 306.122

■ 99, 1.858, 324.340

■ 94, 61.532,
118.322

■ 94, 72.886,
117.898

■ 93, 82.995,
117.665

■ 92, 91.281,
117.726

■ 92, 97.172,
118.193

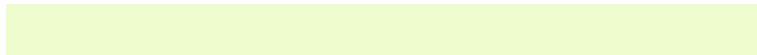
■ 92, 100.494,
119.118

■ 91, 100.945,
119.299

Harmonies

Complementary

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



97, 23.834, 120.056



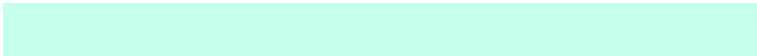
85, 24.716, 302.349

Rectangle

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



97, 23.834, 120.056



97, 23.834, 170.056



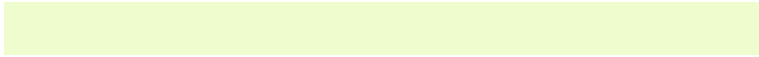
97, 23.834, 300.056



97, 23.834, 350.056

Sweetspot

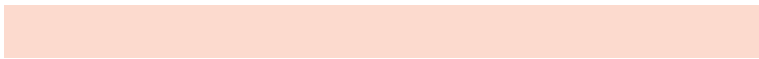
The Sweet Spot groups the original color and five complimentary colors.



97, 23.836, 120.059



99, 6.595, 120.864



90, 14.241, 46.537



53, 4.501, 120.822



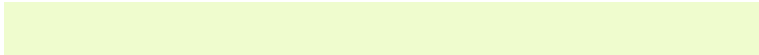
0, 0.000, 0.000



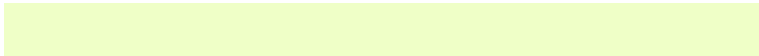
53, 0.007, 296.813

Same Dimension

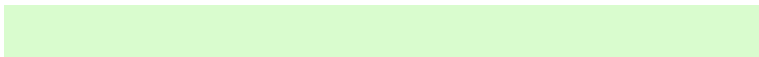
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 23.836, 120.059



98, 28.968, 119.829



95, 26.810, 136.937



52, 7.380, 120.593



70, 81.096, 119.052



23, 35.612, 117.830

Inverse Universe

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



85, 24.716, 302.349



83, 30.276, 302.635



87, 27.093, 318.598



48, 7.525, 301.733



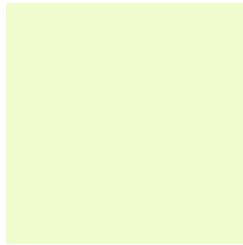
25, 103.870, 308.096



4, 42.787, 306.817

Previews

White Background



This preview shows how the CIELCh color 97, 23.834, 120.056 looks on a white background.

Color Contrast Check

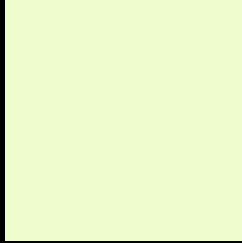
Large Text (above 18pt) WCAG AA × Fail

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, 23.834, 120.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

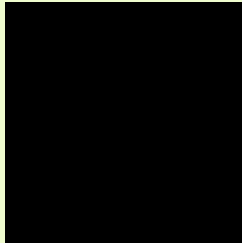
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

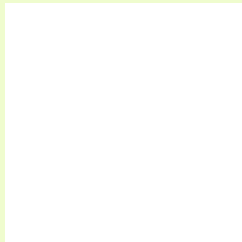
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 23.834, 120.056

Background



This preview shows how black text looks on a background with the CIELCh color 97, 23.834, 120.056.

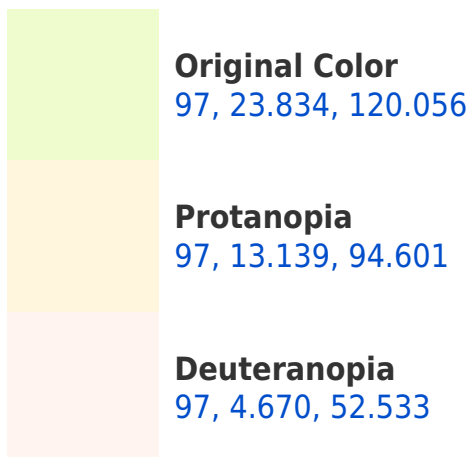


This preview shows how white text looks on a background with the CIELCh color 97, 23.834, 120.056.

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](#).

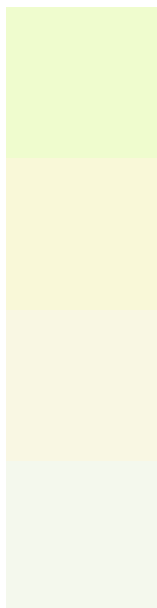
Dichromacy





Tritanopia
97, 5.180, 298.262

Trichromacy



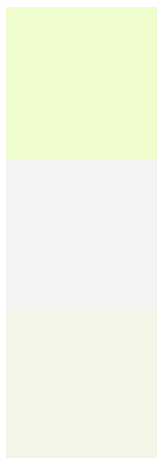
Original Color
97, 23.834, 120.056

Protanomaly
97, 16.272, 107.623

Deuteranomaly
97, 10.203, 105.310

Tritanomaly
97, 5.793, 123.957

Monochromacy



Original Color
97, 23.834, 120.056

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 8.299, 119.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 23.834, 120.056 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(239, 252, 206)` looks like.

```
.text, #text, p{  
    color:rgb(239, 252, 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(239, 252, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 252, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 23.834, 120.056 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(239, 252, 206) }
```

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

```
.border{ border-color:rgb(239, 252, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 252, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 252, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 252, 206);  
box-shadow:4px 4px 4px 4px rgb(239, 252,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 23.834, 120.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 252, 206) }
```

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

```
.background{ background-color: rgb(239,  
252, 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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