

Converting Colors

CIELCh(97, 23.443, 120.142)

Have a look what the booklet for
CIELCh(97, 23.443, 120.142)
contains.

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Color

CIELCh(97, 23.341, 120.328)

Conversions

Conversions Part 1

Format	Color
Hex	EFFCCF
RGB	239, 252, 207
RGB Percent	94%, 99%, 81%
CMY	0.0629, 0.0119, 0.1884
CMYK	0.05, 0.00, 0.18, 0.01
HSL	77°, 88%, 90%
HSV	77°, 18%, 99%
XYZ	81.6366, 92.4403, 72.5447
YIQ	242.9830, 6.6970, -16.7510

Conversions

Conversions Part 2

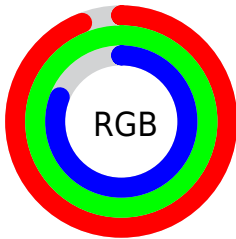
Format	Color
R_{YB}	207, 252, 220
Decimal	15727823
CIE _{Lab}	97.00, -11.79, 20.15
CIE _{LCh}	97, 23.341, 120.328
Yxy	92.4403, 0.3310, 0.3748
Android (android.graphics.Color)	4293917903 (0xFFEFFCCF)
YUV	242.9830, -17.7396, -3.4931
Hunter-Lab	96.1459, -16.6925, 22.5662

Details

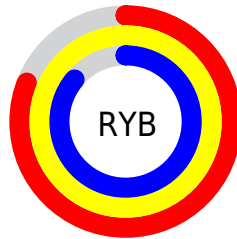
The CIELCh color **97, 23.341, 120.328** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 24.179, 302.544**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 22.827, 119.998** is the 20% darker color. If you saturate the color by 10%, you get **96, 36.273, 119.726**, and if you desaturate by 10%, it is **98, 10.284, 120.934**.

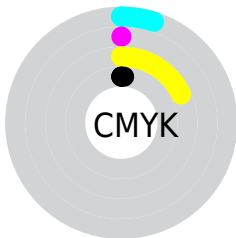
Distribution



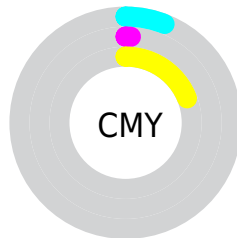
- Red (94%)
- Green (99%)
- Blue (81%)



- 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, 23.341, 120.328 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, 23.341, 120.328 by changing the saturation by 10% instead.


 97, 23.341,
120.328


 97, 23.341,
120.328


 100, 23.341,
120.328


 87, 23.341,
120.328

 77, 23.341,
120.328

 67, 23.341,
120.328

 57, 23.341,
120.328

 47, 23.341,
120.328

 37, 23.341,
120.328

 27, 23.341,

120.328

■ 17, 23.341,
120.328

■ 7, 23.341, 120.328

■ 97, 23.341,
120.328

■ 97, 23.341,
120.328

■ 96, 36.273,
119.726

■ 98, 10.284,
120.934

■ 95, 48.936,
119.139

■ 99, 1.655, 309.481

■ 99, 1.894, 324.345

■ 94, 61.126,
118.606

■ 94, 72.536,
118.182

■ 93, 82.724,
117.946

■ 92, 91.114,
118.002

■ 92, 97.132,
118.462

■ 91, 100.562,
119.387

■ 91, 101.121,
119.612

Harmonies

Complementary

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



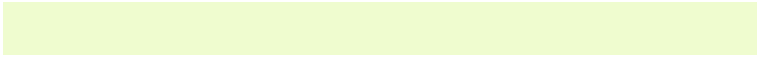
97, 23.341, 120.328



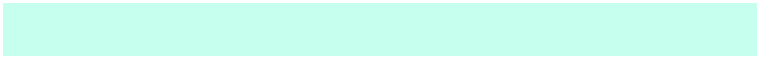
85, 24.179, 302.544

Rectangle

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



97, 23.341, 120.328



97, 23.341, 170.328



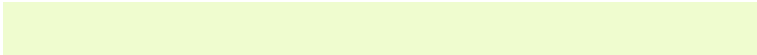
97, 23.341, 300.328



97, 23.341, 350.328

Sweetspot

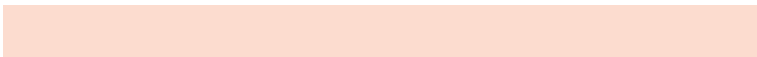
The Sweet Spot groups the original color and five complimentary colors.



97, 23.343, 120.331



99, 6.601, 121.105



90, 13.839, 48.460



53, 4.505, 121.063



0, 0.000, 0.000



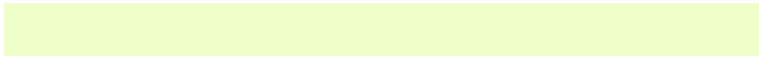
53, 0.007, 296.813

Same Dimension

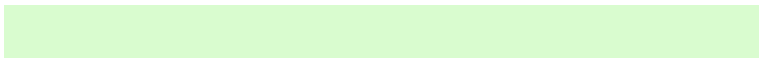
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 23.343, 120.331



98, 27.689, 120.140



96, 26.359, 137.450



52, 7.387, 120.836



70, 81.248, 119.362



23, 35.665, 118.122

Inverse Universe

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



85, 24.179, 302.544



84, 28.868, 302.778



87, 26.610, 319.094



48, 7.531, 301.964



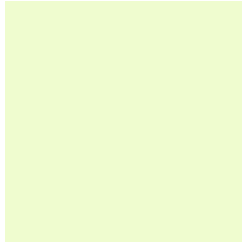
25, 103.763, 308.173



4, 42.804, 306.970

Previews

White Background



This preview shows how the CIE LCh color 97, 23.341, 120.328 looks on a white background.

Color Contrast Check

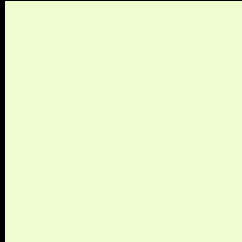
Large Text (above 18pt) WCAG AA × Fail

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, 23.341, 120.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

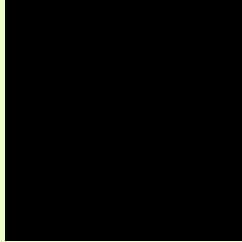
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

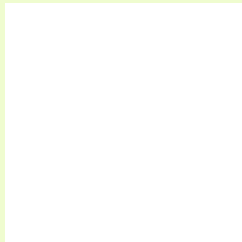
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 23.341, 120.328

Background



This preview shows how black text looks on a background with the CIELCh color 97, 23.341, 120.328.

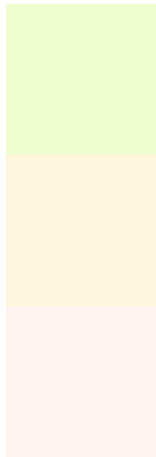


This preview shows how white text looks on a background with the CIELCh color 97, 23.341, 120.328.

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, 23.341, 120.328

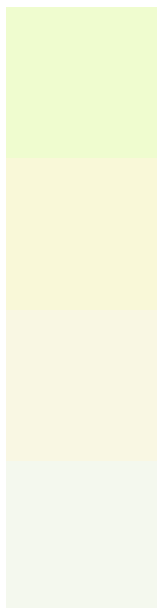
Protanopia
97, 13.139, 94.601

Deuteranopia
97, 4.670, 52.533



Tritanopia
97, 5.180, 298.262

Trichromacy



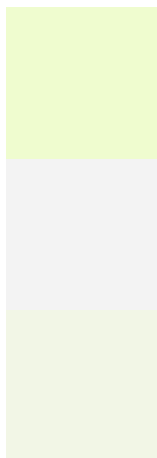
Original Color
97, 23.341, 120.328

Protanomaly
97, 16.272, 107.623

Deuteranomaly
97, 10.203, 105.310

Tritanomaly
97, 5.300, 125.323

Monochromacy



Original Color
97, 23.341, 120.328

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, 23.341, 120.328 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(239, 252, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 252, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 23.341, 120.328 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, 207) }
```

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

```
.border{ border-color:rgb(239, 252, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 252, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 252, 207);  
box-shadow:4px 4px 4px 4px rgb(239, 252,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 23.341, 120.328 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, 207) }
```

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

```
.background{ background-color: rgb(239,  
252, 207) }
```

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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