

Converting Colors

CIELCh(97, 5.707, 120.518)

Have a look what the booklet for
CIELCh(97, 5.707, 120.518) contains.

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Color

CIELCh(97, 5.711, 120.517)

Conversions

Conversions Part 1

Format	Color
Hex	F5F8ED
RGB	245, 248, 237
RGB Percent	96%, 97%, 93%
CMY	0.0402, 0.0284, 0.0716
CMYK	0.01, 0.00, 0.04, 0.03
HSL	76°, 43%, 95%
HSV	76°, 4%, 97%
XYZ	86.3017, 92.4403, 93.2176
YIQ	245.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

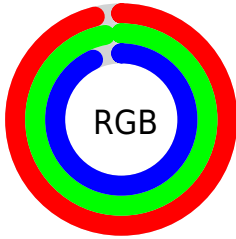
Format	Color
R _Y B	237, 248, 240
Decimal	16120045
CIE Lab	97.00, -2.90, 4.92
CIE LCh	97, 5.711, 120.517
Yxy	92.4403, 0.3173, 0.3399
Android (android.graphics.Color)	4294310125 (0xFFFF5F8ED)
YUV	245.8490, -4.3626, -0.7446
Hunter-Lab	96.1459, -8.0316, 9.8179

Details

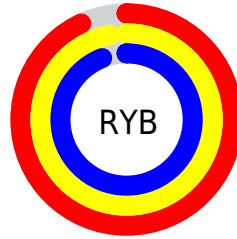
The CIELCh color **97, 5.711, 120.517** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 5.782, 301.046**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 5.995, 120.443** is the 20% darker color. If you saturate the color by 10%, you get **96, 18.585, 119.914**, and if you desaturate by 10%, it is **98, 3.952, 309.794**.

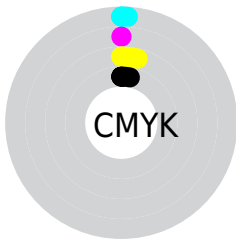
Distribution



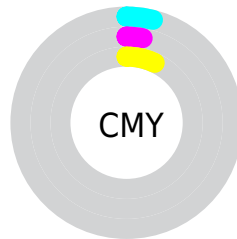
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)




- Cyan (4%)
- Magenta (3%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 5.711, 120.517 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, 5.711, 120.517 by changing the saturation by 10% instead.


 97, 5.711, 120.517


 97, 5.711, 120.517

 100, 5.711,
120.517


 87, 5.711, 120.517

 77, 5.711, 120.517


 67, 5.711, 120.517

 57, 5.711, 120.517

 47, 5.711, 120.517

 37, 5.711, 120.517

 27, 5.711, 120.517

 17, 5.711, 120.517

 7, 5.711, 120.517

97, 5.711, 120.517

97, 5.711, 120.517

96, 18.585,
119.914

98, 3.952, 309.794

98, 4.516, 324.531

95, 31.360,
119.294

94, 43.921,
118.683

93, 56.094,
118.112

93, 67.613,
117.629

92, 78.089,
117.301

91, 86.997,
117.223

91, 93.743,
117.504

■ 90, 97.917,
118.236

Harmonies

Complementary

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



97, 5.711, 120.517



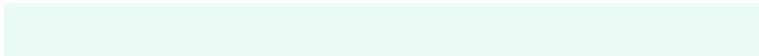
94, 5.782, 301.046

Rectangle

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



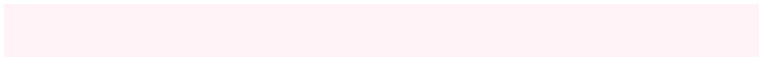
97, 5.711, 120.517



97, 5.711, 170.517



97, 5.711, 300.517



97, 5.711, 350.517

Sweetspot

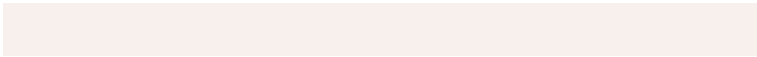
The Sweet Spot groups the original color and five complimentary colors.



97, 5.713, 120.529



100, 1.308, 120.761



95, 3.234, 47.030



53, 0.743, 120.766



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, 5.713, 120.529



99, 6.586, 120.494



97, 6.387, 137.648



52, 4.421, 120.451



71, 80.867, 118.569



23, 35.531, 117.377

Inverse Universe

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



94, 5.782, 301.046



96, 6.670, 301.083



95, 6.423, 317.960



50, 4.481, 301.128



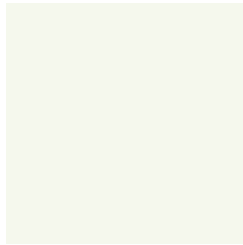
25, 104.032, 307.981



4, 42.761, 306.585

Previews

White Background



This preview shows how the CIE LCh color 97, 5.711, 120.517 looks on a white background.

Color Contrast Check

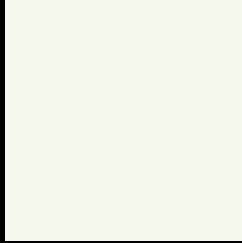
Large Text (above 18pt) WCAG AA × Fail

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, 5.711, 120.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

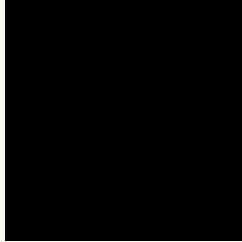
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

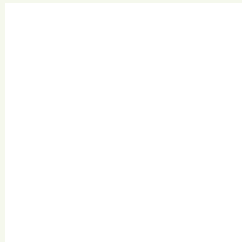
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.711, 120.517

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.711, 120.517.

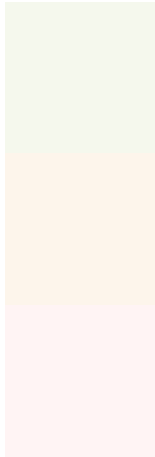


This preview shows how white text looks on a background with the CIELCh color 97, 5.711, 120.517.

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, 5.711, 120.517

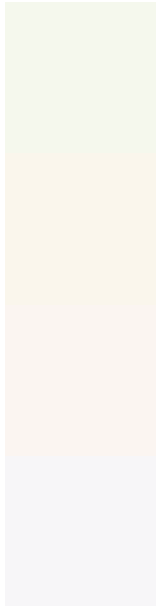
Protanopia
97, 5.831, 80.220

Deuteranopia
97, 3.905, 19.499



Tritanopia
97, 5.242, 302.017

Trichromacy



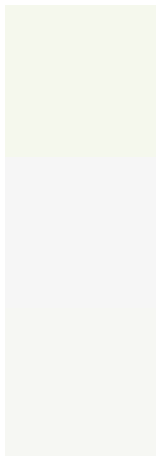
Original Color
97, 5.711, 120.517

Protanomaly
97, 5.277, 94.024

Deuteranomaly
97, 2.932, 63.309

Tritanomaly
97, 1.096, 308.977

Monochromacy



Original Color
97, 5.711, 120.517

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.065, 119.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.711, 120.517 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(245, 248, 237)` looks like.

```
.text, #text, p{  
    color:rgb(245, 248, 237)  
}
```

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(245, 248, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 248, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.711, 120.517 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(245, 248, 237) }
```

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

```
.border{ border-color:rgb(245, 248, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 248, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 248, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 248, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 248,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.711, 120.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 248, 237) }
```

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

```
.background{ background-color: rgb(245,  
248, 237) }
```

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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